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TAMILNADU

1980

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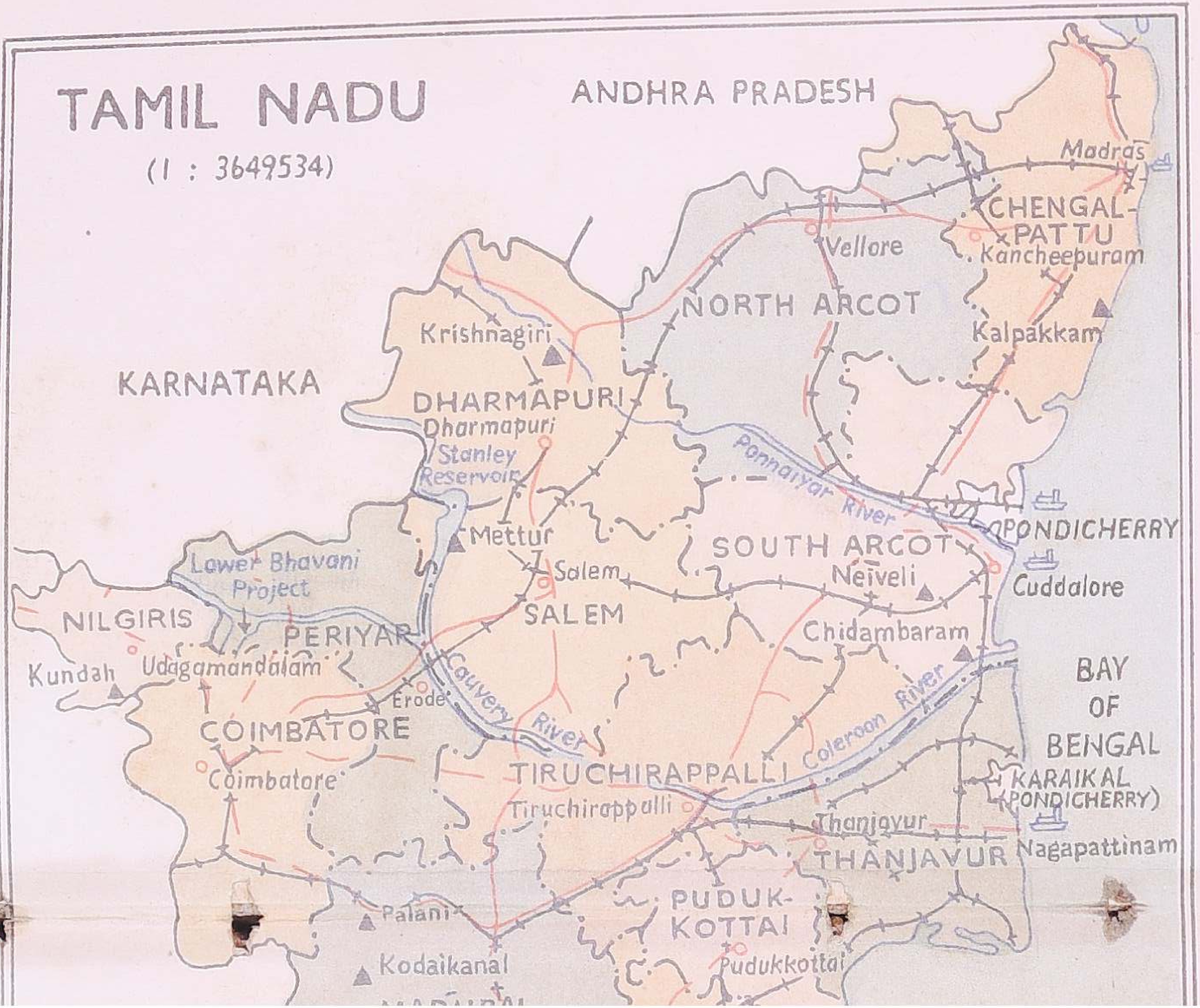
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(1 : 3649534)
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Madras
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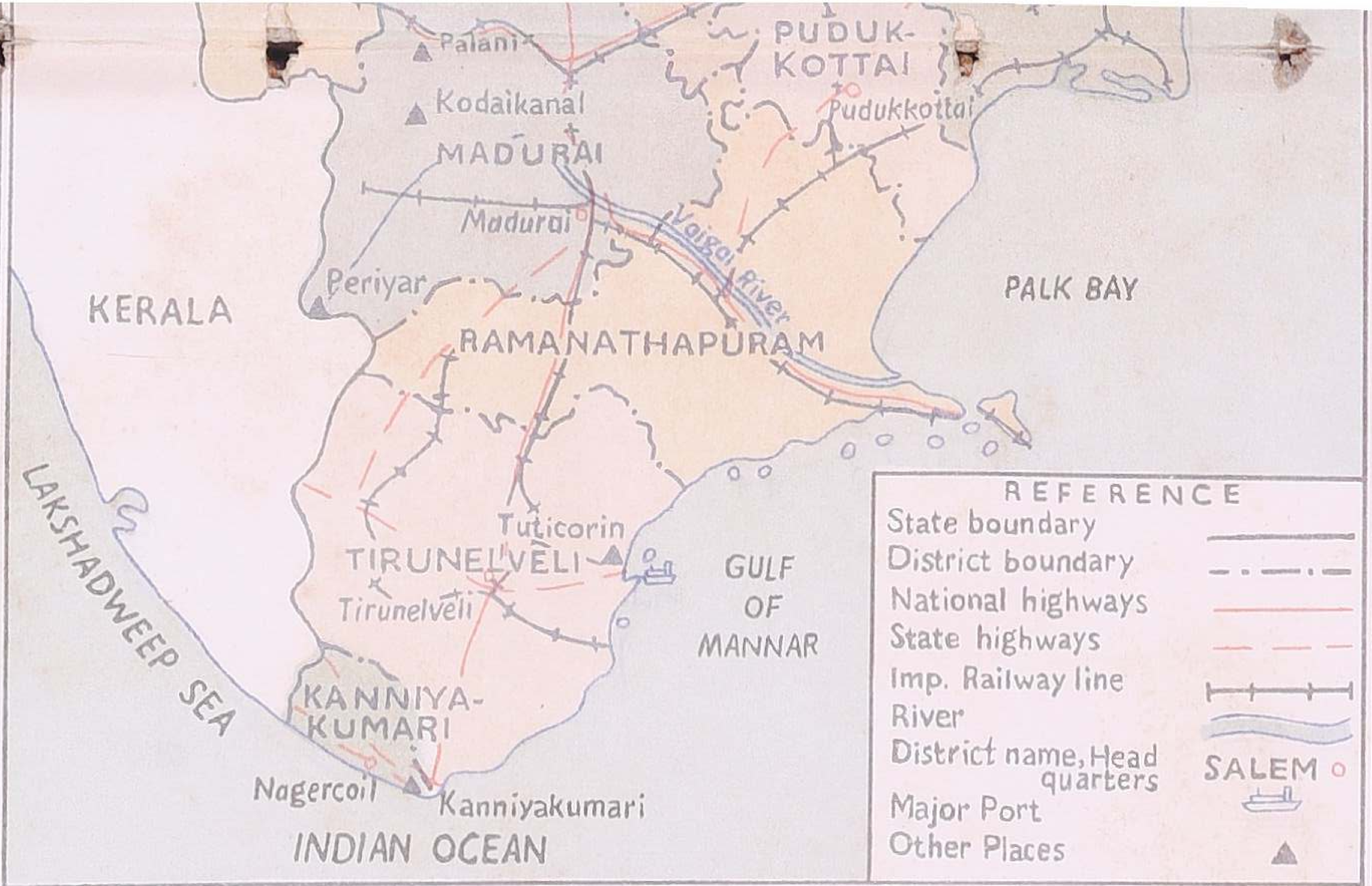
Kancheepuram
Kalpakkam
Vellore
NORTH ARCOT
Krishnagiri
DHARMAPURI
Dharmapuri
Stanley Reservoir
Mettur
Ponnaiyar River
PONDICHERRY
Cuddalore
SOUTH ARCOT
Neiveli
Salem
SALEM
Chidambaram
Lower Bhavani Project
NILGIRIS
PERIYAR
Kundah
Udagamandalam
Erode
Cauvery River
COIMBATORE
Coimbatore
Coleroon River
BAY OF BENGAL
TIRUCHIRAPPALLI
Tiruchirappalli
KARAIKAL (PONDICHERRY)
Thanjavur
THANJAVUR
Nagapattinam
Palani
PUDUK-KOTTAI
Pudukkottai
Kodaikanal



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The territorial waters of India extend into the Sea to a distance of twelve nautical miles measured from the appropriate base line.

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STATISTICAL HAND BOOK

OF

TAMIL NADU

1980

3883

DEPARTMENT OF STATISTICS
MADRAS

PRICE Rs. 14·00

3883

315·482

GOVT. PRESS, MADRAS-1.

PREFACE.

The Statistical Hand Book of Tamil Nadu for the year 1980, presents in compact form, essential factual information pertaining to the different sectors of the economy of Tamil Nadu. The Hand Book is designed to serve as a ready book of reference to those seeking such statistical information.

The data presented in this publication have been collected from various departments of the Central and the State Governments, Public Sector undertakings and private institutions.

The continued co-operation so spontaneously extended by the heads of departments of Government and of private institutions in furnishing the details is acknowledged with thanks.

Suggestions for further improvement of the Hand Book are welcome.

V. RAMAMURTHY,
Commissioner of Statistics.

Date : 1st December, 1980.
Place : Madras.

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NOTE

1. Data furnished in this Hand book relate to Tamil Nadu unless otherwise stated.

2. The following symbols and abbreviations have been used.

(P)	.. ..	Provisional
PRLY	.. ..	Preliminary Estimates
QE	.. ..	Quick Estimates
N	.. ..	Negligibe
N.A.	.. ..	Data nct availablle
*	.. ..	Estimates
**	.. ..	Production in Bales of 170 kg. lint each
@	.. ..	Production in terms of Gur
@@	.. ..	Below 5 hectares
££	.. ..	Below 5 bales
&	.. ..	Below 5 tonnes
N·U.	.. ..	Not in use
(E)	.. ..	Excludes the output, if any recovered incidental to coal mining.
(R)	.. ..	Recovered from beach sand
(R.O.M.)	..	Run of mines
P.J.	.. ..	Projected Population
A	.. ..	Actuals
A.C.	.. ..	Accounts
R.E.	.. ..	Revised Estimate
B.E.	.. ..	Budget Estimate

GENERAL INFORMATION

GOVERNOR OF TAMIL NADU

THIRU SADIQ ALI.

MINISTERS AND THEIR PORTFOLIOS.

1 THIRU M. G. RAMACHANDRAN, *Chief Minister*,	Public, General Administration, Indian Administrative Service, District Revenue Officers, Deputy Collectors, Police, Prevention of Corruption and Planning.
2. THIRU V. R. NEDUNCHEZHIYAN, *Minister for Finance*	Finance, Legislature, Elections, Food & Fisheries, Backward Classes, Youth Service Corps, Price Control and Ex-servicemen.
3. THIRU S. RAMACHANDRAN, *Minister for Electricity*	Electricity, Iron and Steel Control.

4. THIRU K. A. KRISHNASAMY, *Minister for Rural Industries.*	Rural Industries including Village, Cottage and Small Industries, Milk Dairy Development and Registration.
5. THIRU S. D. SOMASUNDARAM *Minister for Revenue*	Revenue, Commercial Taxes, Excise and Census.
6. THIRU R. M. VEERAPPAN *Minister for Information and Religious Endowments*	Information and Publicity, Film Technology, Tourism, Tourism Development Corporation, Cinematograph Act, Hindu Religious and Charitable Endowments, Forest and Cinchona, Grant of Liquor Permits and Minerals.
7. THIRU C. ARANGANAYAGAM, *Minister for Education*	Education including Technical Education and Official language.
8. THIRU K. KALIMUTHU, *Minister for Agriculture*	Agriculture, Agricultural Refinance, Agricultural Engineering Wing and Agro-Engineering.
9. THIRU C. PONNAIYAN, *Minister for Co-operation and Law.*	Law, Courts, Prisons, Legislation on Weights and Measures, Registration of Companies, Debt Relief including Legislation on Money Lending and Legislation on Chits and Co-operation,

10. THIRU P. KULANDAIVELU, *Minister for Local Administration*	Municipal Administration, Panchayats and Panchayat Unions, Community Development, Rural Indebtedness, Bhoodan and Gramdhan and Highways.
11. THIRU S. RAGHAVANANDHAM, *Minister for Labour*	Labour, Housing, Slum-Clearance Board, Statistics, Tamil Nadu Water Supply and Drainage Board, Town Planning and Accommodation Control
12. THIRU (DR.) H. V. HANDE, *Minister for Health*	Health.
13. THIRU K. RAJA MOHAMMED, *Minister for Irrigation*	Agro-Service Co-operative Societies, Irrigation including Minor Irrigation and Wakf.
14. THIRU S. MUTHUSAMY, *Minister for Transport*	Transport, Nationalised Transport, Motor Vehicles Act and Ports.
15. THIRU S. THIRUNAVUKKARASU, *Minister for Industries*	Large Scale Industries, Mines and Textiles.

15. THIRU S. N. RAJENDRAN, *Minister for Handlooms and Khadi*,	Handlooms, Khadi, Prohibition excluding grant of Liquor Permits, Passports and Public Works Department andEstablishment matters relating to Public Works Department.
17, THIRU M. VIJAYASARATHI, *Minister for Harijan Welfare*	Harijan Welfare,Stationery and Printing, Government Press, News Print Control, Hill Tribes and Bonded Labour and Employment and Training.
18. THIRUMATHI GOMATHI SRINIVASAN, *Minister for Social Welfare*	Social Welfare including Women and Children Welfare, Animal Husbandry, Beggars Home, Orphanages Indian Overseas, Refugees and Evacuees and Correctional Administration.

JUDGES OF THE HIGH COURT, MADRAS

Chief Justice.

THE HONOURABLE DR. M. M. ISMAIL

Puisne Judges.

The Honourable Thiru Justice P. R. Gokulakrishnan.

The Honourable Thiru Justice G. Ramanujam.

The Honourable Thiru Justice V. Ramaswami.

The Honourable Thiru Justice S. Natarajan.

The Honourable Thiru Justice A. Varadarajan.

The Honourable Thiru Justice V. Sethuraman.

The Honourable Thiru Justice S. Ratnavel Pandian.

The Honourable Thiru Justice S. Mohan.

The Honourable Thiru Justice S. Suryamurthy.

The Honourable Thiru Justice V. Balasubrahmanyan.

The Honourable Thiru Justice S. Padmanabhan.

The Honourable Thiru Justice M. A. Sathar Sayeed.

The Honourable Thiru Justice T. Sathiadev.

The Honourable Thiru Justice S. Nainar Sundaram.

The Honourable Thiru Justice G. Maheswaran.

The Honourable Thiru Justice P. Venugopal.

The Honourable Thiru Justice S. Swamikkannu.

The Honourable Thiru Justice V. Ratnam.

The Honourable Thiru Justice K. Sengottuvelan.

The Honourable Thiru Justice K. Shanmukam.

Registrar.

Thiru S. Janarthanam.

Additional Registrar.

Thiru N. Meenakshi Sundaram.

SECRETARIES TO GOVERNMENT.

1. THIRU V. KARTHIKEYAN, I.A.S., CHIEF SECRETARY TO GOVERNMENT.

2. THIRU S. P. SRINIVASAN, I.A.S., Vigilance Commissioner and Commissioner for Personnel and Administrative Reforms.

3. THIRU K. DIRAVIAM, I.A.S., Second Secretary to Government.

4. THIRU S. P. AMBROSE, I.A.S., Commissioner and Secretary to Government, Health and Family Welfare Department.

5. THIRU K. CHOCKALINGAM, I.A.S., Commissioner and Secretary to Government, Home Department.

6. THIRU A. S. AHLUWALIA, I.A.S. Commissioner and Secretary to Government, Social Welfare Department.

7. THIRU D. K. OZA, I.A.S., Chief Electoral Officer and Commissioner and Secretary to Government, Public (Elections), Department.

8. THIRU P. KANDASWAMY I.A.S., Commissioner and Secretary to Government, Housing and Urban Development Department.

9. THIRU T. V. VENKATRAMAN, I.A.S., Commissioner and Secretary to Government, Revenue Department.

10. THIRU K. J. M. SHETTY, I.A.S., Commissioner and Secretary to Government, Finance Department.

11. THIRU K. RAVINDRAN, I.P.S., Commissioner of Training and Secretary to Government Personnel and Administrative Reforms (Training), Department.

12. THIRU N. HARI BHASKAR, I.A.S., Commissioner and Secretary to Government, Agriculture Department.

13. THIRU M. RAGHUPATHY, I.A.S., Commissioner and Secretary to Government, Transport Department.

14. THIRU N. KRISHNA MURTHY, I.A.S., Commissioner and Secretary to Government, Food and Co-operation Department.

15. THIRU C. RAMDAS, I.A.S., Commissioner and Secretary to Government, Education Department.

16. THIRU C. RAMACHANDRAN, I.A.S., Commissioner and Secretary to Government, Industries Department.

17. THIRU T. V. VASUDEVAN, I.A.S., Commissioner and Secretary to Government, Labour and Employment Department.

18. THIRU P. V. VENKATA KRISHNAN, I.A.S., Commissioner and Secretary to Government, Commercial Taxes and Religious Endowments Department.

19. THIRU R. A. SEETHA RAMDAS, I.A.S., Commissioner and Secretary to Government, Public Works Department.

20. THIRU H. B. N. SHETTY, I.A.S., Commissioner and Secretary to Government, Rural Development and Local Administration Department.

21. Thiru K. LAKSHMIKANTHAN BHARATHI, I.A.S. Commissioner and Secretary to Government, Forests and Fisheries Department.

22. Thiru S. VADIVELU, B.A., B.L., Secretary to Government, Law Department.

23. Thiru G. M. ALAGARSWAMY, B.A., B.L., Secretary to Government, Legislative Assembly Department.

24. Thiru C. K. RAMASWAMY, B.A., B.L., Secretary to Government, Legislative Council Department.

25. Thiru M. S. GOPAL, Director of Informations and Public Relations Department.

COMMISSIONERS OF BOARD OF REVENUE

1. THIRU T. S. SANKARAN, I.A.S.,
Special Commissioner and Commissioner for Land Reforms.

2. THIRU R. NATARAJAN, I.A.S.,
Commissioner for Transport.

3. THIRU RAM CHANDER, I.A.S.,
Commissioner for Land Administration.

4. THIRU R. PASUPATHI, I.A.S.,
Commissioner for Revenue Administration.

5. THIRU B. VIJAYA RAGHAVAN, I.A.S.,
Commissioner for Commercial Taxes.

STATE PLANNING COMMISSION

Chairman

Chief Minister of Tamil Nadu

Vice-Chairman

Thiru T. K. Srinivasan

Members

1 Dr. D. Bright Singh (Full-Time)

2 Prof. S. V. Chittibabu (Full Time)

3 Thiru B. Sivaraman (Part-Time)

4 Prof. Y. Nayudamma (Part-Time)

5 Dr. M. Aram (Part-Time)

6 Dr. M. Shantappa (Part-Time)

7 Thiru N. Mahalingam (Part-Time)

8 Dr. M. M. Ghani (Part-Time)

9 Tmt. Sarojini Varadappan (Part-Time)

10 Thiru A. Venkataraman, I.A.S. (Part-Time)

11 Thiru K. Diraviam, I.A.S. (Part-Time)

Member-Secretary

Thiru S. Arvind, I.A.S.

TAMIL NADU PUBLIC SERVICE COMMISSION.

Chairman

Major General S. P. Mahadevan, A. V. S. M. (Retd).

Members

1 Thiru S. Srinivasan, B.A.B.L.

2 Thiru S. M. Sulaiman, I.A.S. (Retd.)

3 Thiru M. Thirumalaisamy, I.A.S. (Retd.)

4 Thiru M. Periasamy, I.A.S. (Retd.)

5 Dr. (Tmt.) Ambika Shanmugam, M.B.B.S., M.Sc.

6 Thiru C. G. Thirumal, I.A.S. (Retd.)

Secretary

Thiru S. Thirumalaiappan, I.A.S.

Controller of Examinations

Thiru Jor Singh Syiem, I.A.S.

DISTRICT COLLECTORS.

1 Tmt. Lakshmi Pranesh, I.A.S.	Madras
2 Thiru C. Muthuswamy, I.A.S.	Chengalpattu
3 Tmt. V. Chandralekha, I.A.S.	South Arcot
4 Thiru D. Gangappa, I.A.S.	North Arcot
5 Thiru S. R. Karuppannan, I.A.S	Salem
6 Thiru Ashoke Joshi, I.A.S.	Dharmapuri
8 Thiru T. S. Sivaprakasam, I.A.S.	Coimbatore
7 Thiru V. Lakshmi Ratan, I.A.S.	Periyar
9 Thiru Sukavaneshvar, I.A.S.	The Nilgiris
10 Thiru D. Sundaresan, I.A.S.	Thanjavur
11 Thiru S. Srinivasan, I.A.S.	Tiruchirapalli
12 Thiru Ashoka Kumar Rastogi, I.A.S.	Pudukkottai
13 Thiru R. Poornalingam, I.A.S.	Madurai
14 Thiru V. Madhavan Nair, I.A.S.	Ramanathapuram
15 Thiru T. M. Arumugam, I.A.S.	Tirunelveli
16 Thiru A. Abdul Aziz, I.A.S.,	Kanniyakumari

TAMIL NADU AT A GLANCE.

GEOGRAPHICAL POSITION

North Latitude—Between 8° 5′ and 13° 35′

East Longitude—Between 76° 15′ and 80° 20′

TEMPERATURE 1979–80 (in centigrades) :

(*a*) PLAINS:

Maximum	40·9°
Minimum	16·3°

(*b*) HILL STATIONS:

Maximum	23·5°
Minimum	3·5°

RAINFALL 1979–80 (in m.m.)—

Normal	945·7
Actual (Provisional) ..	1,090·8

STATE INCOME 1978–79 (Q.E.)—

State income at current prices (Rs. in lakhs) (Quick estimates)	5,28,112
Percapita Income at current Prices (in Rs.)	1,151

AREA AND POPULATION (1971 census)—

(i) Area (Sq. Km.)	1,30,069
(ii) Population	41,199,168
(iii) Population (1980 projected)	46,705,500
(iv) Density per sq. km. ..	317
(v) Literates	16,256,393

AGRICULTURE—1978-79:

Land Utilisation (in '000 hectares)—

(*a*) Total area	13,001
(*b*) Net area sown	6,251
(*c*) Area sown more than once	1,433
(*d*) Gross area sown	7,684

AREA AND PRODUCTION OF PRINCIPAL CROPS IN TAMIL NADU IN 1978-79.

Crop.	*Area* '000' *hectares.*	*Production* '000' *tonnes.*
(1)	(2)	(3)
1 Rice	2,756	5,559
2 Millets	1,783	1,820
3 Sugarcane (Gur)	154	1,861
4 Groundnut	983	1,129
5 Gingelly	132	46
6 Cotton (in '000' bales of 170 Kg.)	347	568
7 Pulses	5,156	219

IRRIGATION :

(*a*) Net area irrigated by 1978-79— '000' hectares

(i) Government canals	919
(ii) Tanks	842
(iii) Wells (including tube wells) ..	1,069
(iv) Other sources	43
Total ..	2,873
(*b*) Gross area irrigated	3,819

BI 147-24--3

(*c*) Water Levels in Reservoirs, 1979–80—

Name of Reservoir.	*Full depth (metres.)*	*Highest level (metres.)*	*Lowest level (metres.)*
(1)	(2)	(3)	(4)
1 Mettur	36·58	36·58	15·71
2 Bhavanisagar ..	32·00	31·94	24·90
3 Amaravathy ..	33·53	33·53	17·37
4 Sathanur	36·27	36·27	18·90
5 Manimuthar ..	35·97	35·76	16·70
6 Papanasam ..	45·11	44·73	6·71
7 Poondi	10·06	10·06	5·23
8 Krishnagiri ..	15·85	15·85	8·75
9 Vidur	9·75	9·60	2·54
10 Gomukhi	14·02	14·02	2·13
11 Manimukthanadhi	10·97	10·97	5·32
12 Willington	8·60	8·60	1·07
13 Periyar	14·63	12·05	2·00
14 Vaigai	21·64	21·64	6·44
15 Manjalar	17·37	17·37	9·46
16 Pechiparai	14·63	13·93	2·64
17 Perunchani	23·47	21·03	3·05
18 Chittar Dam I ..	19·20	17·61	14·28
19 Chittar Dam II ..	17·98	16·67	13·43

LIVESTOCK AND ANIMAL HUSBANDRY, 1979-80—

1	Livestock population (Census 1977) ..	2,41,46,248
2	Livestock Farms (Cattle)	8
3	Sheep Farms	2
4	Poultry Extension Centres	29
5	Veterinary Hospitals	44
6	Veterinary Hospitals-*cum*-Key village Centres.	6
7	Veterinary dispensaries	522
8	Veterinary dispensaries-*cum*-key village Centres.	77
9	Clinical Laboratories	13
10	Rinder pest check posts	13
11	Rinderpest vigilance units	10
12	Rinderpest squads	14
13	Mobile units	6

FISHERIES, 1978-79—

1	Length of coastal line (km.)	1,000
2	Marine Fish production (tonnes) ..	2,16,689
3	Value for Marine Fish production (Rs. in lakhs).	31,45.33
4	Inland Fish production (tonnes) ..	160,000 (P)
5	Value of Inland Fish Production (Rs. in lakhs).	15,40,00 (P)

FORESTS, 1978-79—

(*a*) *Forest area (hectares)*—

Reserved Forests	1,769,621
Unclassed Forests	43,862
Reserved lands	360,243
Total ..	2,173,726

(*b*) *Outturn of Forest Produce*—

Timber (cu.m.)	21,219
Fuelwood (cu.m.)	140,790
Sandalwood (tonnes)	4,693

(*c*) *Industries*, 1977-78—

1 Registered working factories ..	8,473
2 Productive capital (Rs. in lakhs) ..	2,11,601
3 *Employment*—	
(i) All workers	5,64,534
(ii) All employees	703,615
4 Wages to workers (Rs. in lakhs) ..	23,554
5 Total input (Rs. in lakhs)	3,16,264
6 Total output (Rs. in lakhs)	4,10,295

7 Depreciation (Rs. in lakhs)	12,517
8 Value added (Rs. in lakhs)	81,514

Note: Based on Annual Survey of Industries.

FACTORIES, 1979—

1 Registered Factories	9,139
2 Working Factories	8,697

ELECTRICITY, 1978-79—

1 Installed capacity (in M.W.)	1,909
2 Generation (in m.u.)	6,608
3 Consumption (in m.u.)	8,359
4 Number of towns, villages and hamlets electrified.	63,395

EDUCATION, 1979-80—

1 Universities	5
2 Arts and Science Colleges ..	188
3 Colleges for Professional Education	76
4 Colleges for Special Education	22
5 Schools for General Education	36,007
6 Schools for Professional Education ..	83
7 Schools for Special Education	87
8 Institutions for other Professional Education (1978-79).	151

VITAL STATISTICS, 1978 —

Birth Rate	20·50
Death Rate	6·44
Infant Mortality Rate	39·70

MEDICAL, HEALTH AND FAMILY WELFARE, 1979-80—

1 Hospitals	377
2 Dispensaries	1,157
3 Primary Health Centres	383
4 Other Medical Institutions	250
5 Family Planning Institutions	988
6 Registered Doctors (Allopathic) ..	33,173
7 Registered Doctors (Indian Medicine) ..	24,224
8 Registered Doctors (Homoeopathy) ..	15,232
9 Registered Dentists	579
10 Registered Nurses	21,742
11 Registered Midwives	29,031
12 Registered Auxiliary Nurse Midwives ..	4,367
13 Registered Pharmacists	11,169
14 Registered Health Visitors	449

LEGISLATURE, 1980—

1 Members of the Legislative Assembly	..	234
2 Members of the Legislative Council	..	63
3 Members of Parliament (Lok Sabha)	..	39
4 Members of Parliament (Rajya Sabha)	..	18

ELECTORATE, 1980—

1 Assembly	.. ..	29,317,229
2 Parliament	.. ..	28,113,893

POLICE AND PRISONS, 1979—

(a) *Police*—

(i) Police Force-Local	.. .. ..	27,852
Armed Reserve	.. .. ..	11,610
(ii) Police Stations	.. .. ..	843
(iii) Police Out-posts	.. .. ..	188
(*b*) Prisons (1978)	.. ..	135

REVENUE ADMINISTRATIVE DIVISIONS, 1979-80—

1 Revenue Districts	.. .. ..	16
2 Revenue Taluks	.. ..	150
3 Revenue Firkhas	.. .. ..	1,024
4 Revenue Villages	.. ..	16,487

LOCAL BODIES 1979-80—

1 Panchayat Unions	376
2 Town Panchayats	605
3 Village Panchayats	12,604
4 Townships (Panchayat Act)	13
5 Municipal Councils	109

COMMUNITY DEVELOPMENT 1979-80—

1 Development Districts	24
2 Blocks	376
3 Population covered (lakhs)	321
4 Area covered (sq. km.)	112,093
5 Villages covered	16,582

CO-OPERATION 1978-79—

1 Co-operative Banks	372
2 Agricultural Credit Societies	4,754
3 Other Credit Societies	1,252
4 Co-operative Stores	3,118
5 Lift Irrigation Societies	162
6 Weavers Co-operative Societies	993

7 Industrial Co-operative Societies	389
8 Labour Contract Societies	111
9 Khadi and Village Industries Societies ..	3,312
10 Wholesale Stores, Marketing Societies and Federations.	149
11 Co-operative canteen and Restaurants ..	79
12 Primary Fishermen Co-operative Societies	491
13 Central Fishermen Co-operative Societies	19

REGISTRATION, 1979-80—

(i) Number of Registration offices ..	458
(ii) Aggregate value of property transferred (Rs. in crores).	641·88
(iii) Total Receipts (Rs. in lakhs) ..	579·44

TRANSPORT AND COMMUNICATION—

(a) Railway length as on 31st March 1980—

(i) Route length (km.)	3,814·06
(ii) Track length (km.)	4,508·75

(b) Road length as on 31st March 1978—

(i) Surfaced (km.)	64,475
(ii) Unsurfaced (km.)	40,844
(c) Registered Motor Vehicles 1979-80 ..	2,74,439

(d) Post and Telegraph 1979-80—

(i) Post and Telegraph Offices	3,528
(ii) Post offices	11,642
(iii) Telegraph Offices	35
(iv) Broadcast Receivers	25,11,091
(v) Televisions	76,604

(e) Telephones 1979-80—

(i) Number of Telephones in use ..	2,52,260
(ii) Number of Public Call Offices ..	2,119

TRADE 1978-79—

(i) Value of Exports (Rs. in lakhs) ..	65,247
(ii) Value of Imports (Rs. in lakhs) ..	90,2 81

LABOUR AND EMPLOYMENT, 1979—

1 Registered Trade Unions	3,031
2 Strikes and Lockouts	322
3 Employment Exchanges	33

BANK AND INSURANCE 1979-80—

(a) Bank Offices	69

(b) Insurance :

(i) Offices	65
(ii) Policies issued	188,201
(iii) Sum Assured (Rs. in crores) ..	222·35

STATE FINANCE 1980-81 (B.E.)—

1 Revenue Receipts (Rs. in lakhs) ..	98,266
2 Revenue Expenditure (Rs. in lakhs) ..	96,727

SMALL SAVINGS 1979-80—

1 Gross Savings (Rs. in lakhs) ..	13,794·05
2 Net Savings (Rs. in lakhs)	3,510·68

SELECT ECONOMIC INDICATORS

1. Population Growth.

Item.	1901	1911	1921	1931	1941
(1)	(2)	(3)	(4)	(5)	(6)
Persons (In lakhs)	193	209	216	235	263
Decadel Variation (Per cent)	..	8·57	+3·57	+8·52	+11·91
Density per Sq.k.m. ..	..	..	..	..	..
Urban population to to'al population (Per cent).	13·99	14·84	15·49	17·66	19·36
Index of population ..	100	108·6	112·3	121·9	136·4

1. POPULATION GROWTH—*cont.*

Item.	1951	1961	1971	1978	1979	1980
(1)	(7)	(8)	(9)	(10)	(11)	(12)
Persons (In lakhs)	301	337	412	455	461	467
Decadel Variation (Per cent) ..	14·66	+11·85	+22·30	..	..	..
Density per Sq. k. m. ..	..	258	317	350	355	359
Urban population to total population (Per cent).	23·68	26·69	30·26	33·51	33·96	34·38
Index of population	156·4	175·0	213·5	235·8	238·9	242·0

Note.—Particulars for 1978, 1979 and 1980 are only projected.

Source:—Commissioner of Statistics, Madras.

2. Index Numbers of Agricultural Economy.

(Triennium ended 1969-70=100).

Item.	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Index Number of area under crops.	107·5	108·1	107·0	93·3	101·3	99·0	108·1	110·3
Index Number of cropping pattern.	97·4	99·3	105·4	106·3	100·7	102·3	103·9	103·6
Index Number of yield.	117·9	117·1	122·2	104·4	126·7	121·5	126·7	132·9

Index number of agricultural production.	123·8	125·9	138·2	103·9	129·5	123·2	142·4	151·9
Index number of net area sown.	105·5	105·3	102·7	92·3	99·6	99·9	104·7	104·7
Index number of cropping intensity.	101·9	102·7	104·2	101·1	101·7	99·1	103·2	105·3
Index number of productivity per hectare.	117·3	119·6	134·6	112·6	130·0	123·3	136·0	145·1

Source: Commissioner of Statistics, Madras.

3. Index Numbers of Industrial Production

(Base year : 1970 = 100).

Item.	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
General Index	121·7	117·0	128·1	128·0	137·6	143·1	164·1	172·7

Source : Commissioner of Statistics, Madras.

4. INDEX NUMBERS OF WHOLESALE PRICES

(1970-71 = 100.)

Group.	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)
Primary articles	183·05	171·24	187·73	190·91	203·47
Fuels, power and light ..	172·94	185·78	186·05	185·95	216·68
Manufactured products ..	156·49	159·11	167·85	170·66	193·12
All commodities	171·02	166·37	178·87	181·83	199·34

Source : Commissioner of Statistics, Madras.

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5. Consumer Price Index Numbers for Industrial Workers, 1979.

(1960 = 100.)

Centre.	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Madras City	197	221	281	325	283	306	316	341
2 Cuddalore	201	224	296	325	289	320	329	352
3 Tiruchirapalli	208	246	329	372	313	335	358	375
4 Madurai	201	226	306	352	296	328	335	361
5 Coimbatore	185	207	282	331	300	317	323	353
6 Nagercoil	219	255	339	390	330	344	363	401
7 Coonoor	193	214	307	314	295	312	321	348
8 Periyar	Not compiled.							

Source : Commissioner of Statistics, Madras.

6. Index Numbers of Parity.

(1954-55=100.)

Item.	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)
Index number of prices received by the farmer.	501	378	411	363	392
Index number of prices paid by the farmer.	553	507	539	547	607
Index number of parity	91	75	76	66	65

Source : Commissioner of Statistics, Madras.

7. Index numbers of total value of foreign Imports and Exports.

(1970–71=100).

Item.	1971–72.	1972–73.	1973–74.	1974–75.	1975–76.	1976–77.	1977–78.	1978–79.
1. Foreign Imports.	108	91	158	190	163	200	180	333
2. Foreign Exports.	108	151	181	181	270	313	322	390

Source : Commissioner of Statistics, Madras.

8. Index numbers of wages paid to certain categories of Agricultural Labourers.

(1960=100)

Category of Labourers.	1971	1972	1973	1974	1975
(1)	(2)	(3)	(4)	(5)	(6)
Field labourers (Men) ..	218	230	240	322	405
Tending Cattle (Men) ..	176	187	198	239	344
Other Agricultural Labourers (Men).	200	203	225	292	376

8. INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS—*cont*.

(1960=100)

Category of Labourers.	1976	1977	1978	1979
(1)	(7)	(8)	(9)	(10)
Field Labourers (Men) ..	384	395	417	459
Tending Cattle (Men) ..	336	333	327	321
Other Agricultural Labourers (Men).	386	398	421	470

Source : Commissioner of Statistics, Madras.

9. INDEX NUMBERS OF EMPLOYMENT.

(1960=100)

Item.	1972	1973	1974	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Persons Registered during the period.	201.3	221.3	206.8	194.6	196.1	197.1	206.2	209.6
Persons placed on Employment during the period.	100.5	98·5	92.6	96·3	95.1	73.3	91.3	150.8
Persons on the Live Register at the end of the period.	370.9	460.2	485.1	569.4	647.5	719.0	744.5	769.2

Source : Commissioner of Statistics, Madras.

10. INDEX NUMBERS OF NET STATE DOMESTIC PRODUCTS OF TAMIL NADU BY INDUSTRY OF ORIGIN AT CURRENT PRICES.

(Base 1970–71 = 100.)

Industry.	1970–71	1971–72	1972–73	1973–74
(1)	(2)	(3)	(4)	(5)
1. Primary Sector ..	100.00	118.3	120.2	153.9
2. Secondary Sector	100.00	108.9	119.5	134.8
3. Transport Communication and Trade.	100.00	115.1	122.9	153.9
4. Finance and Real Estate	100.00	115.6	130.1	145.7
5. Community and Personnel Services	100.00	110.4	117.5	129.8
6. Net State Domestic Product.	100.00	114.4	120.8	146.4
7. Per capita Income ..	100.00	110.2	116.8	139.5

10. INDEX NUMBERS OF NET STATE DOMESTIC PRODUCTS OF TAMIL NADU BY INDUSTRY OF ORIGIN AT CURRENT PRICES—*cont.*

Base : 1970-71 = 100)

Industry. (1)	1974–75 (6)	1975–76 RE. (7)	1976–77 RE. (8)	1977–78 PRLY. (9)	1978–79 QE. (10)
1. Primary Sector	141.3	120·0	139.5	148.9	172.7
2. Secondary Sector	176.9	185.1	211.3	244.6	275.6
3. Transport Communication and Trade	165.4	165.4	196.0	219.3	240.2
4. Finance and Real Estate	165.9	199.0	217.5	238.4	261.4
5. Community and Personal Services.	145.6	155.0	160.1	172.6	188.9
6. Net State Domestic Product.	156.7	152.8	174.7	193.8	218.2
7. Per capita Income ..	147.0	141.2	159.3	174.1	193.5

Source : Commissioner of Statistics, Madras,

11. Index numbers of Net State Domestic Products of Tamil Nadu at constant Prices.

(Base: 1970–71 = 100.)

Industry. (1)	1970–71 (2)	1971–72 (3)	1972–73 (4)	1973–74 (5)
1. Primary Sector	100·0	106·9	104·3	114·3
2. Secondary Sector ..	100·0	102·7	105·0	100.8
3. Transport, Communication and Trade.	100·0	105·2	107·7	114·2
4. Finance and Real Estate	100·0	109·9	116·0	116·1
5. Community and Personnal Services.	100·0	100·9	102·3	110·0
6. Net State Domestic Product.	100·0	105·1	105·6	110·5
7. Per capita Income ..	100·0	103·1	102·1	105·3

11. Index numbers of State Domestic Products of Tamil Nadu at constant Prices—*cont*.

(Base: 1970-71=100.)

Industry. (1)	1974–75 (6)	1975–76 *RE.* (7)	1976–77 *RE.* (8)	1977–78 *PRLY.* (9)	1978–79 *QE.* (10)
1. Primary Sector ..	83·4	101·1	95·1	110·8	124·3
2. Secondary Sector ..	103·4	106·3	114·2	123·7	140·0
3. Transport. Communication and Trade.	98·6	113·3	112·5	124·0	135·2
4. Finance and Real Estate	116·0	127·7	137·2	147·3	157·0
5. Community and Personal Services.	115·0	120·2	121·9	129·3	135·7
6. Net State Domestic Product.	96·0	107·9	108·0	120·3	133·2
7. Per capita Income ..	90·1	99·8	98·5	108·1	118·0

Source : Commissioner of Statistics Madras.

1. CLIMATE AND RAINFALL

TABLE 1·1.

TEMPERATURE AT SELECT STATIONS—1979–80.

Nungambakkam.

in centigrades.

Month.	*Mean Maximum.*		*Mean Minimum.*		*Mean.*		*Humidity.*	
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8-30 *hrs.*	17-30 *hrs.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1979—								
June ..	36·5	36·7	27·2	27·7	31·9	32·2	63	62
July ..	34·4	35·6	25·2	26·6	29·8	31·1	69	64
August ..	33·9	35·6	25·4	26·5	29·7	31·1	67	58

September	33·5	32·8	25·2	23·8	29·4	28·3	78	74
October ..	31·5	31·9	24·4	24·8	28·0	28·4	80	70
November	29·2	29·3	22·7	23·7	26·0	26·5	90	..
December	28·2	29·2	21·4	23·1	24·8	26·2	81	68
1980—								
January ..	28·3	29·5	20·8	20·8	24·6	25·2	76	61
February	29·7	30·6	20·8	21·0	25·3	25·8	79	61
March ..	31·7	32·7	22·9	23·6	27·3	28·2	77	65
April ..	33·3	34·2	25·8	26·9	29·6	30·6	74	74
May ..	35·6	37·8	27·4	28·6	31·5	33·2	64	65

TABLE I·I—*cont.*

Meenambakkam.

in centigrades.

Month.	*Mean Maximum.*		*Mean Minimum.*		*Mean.*		*Humidity.*	
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8-30 *Hrs.*	17-30 *Hrs.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1979—								
June .	37.3	37.6	27.6	27.6	32.5	32.6	59	55
July	35.2	35.9	26.3	26.7	30.8	31.3	65	57
August ..	34·5	35·7	25·8	24·4	30·2	30·1	63	53
September	33·9	33·3	25·4	25·2	29·7	29·3	80	71
October ..	31·8	32·4	24·4	24·4	28·1	28·4	78	69
November	29·2	29·3	22·5	30·7	25·9	30·0	89	83
December	28·2	..	21·0	..	24·6	..	..	..

1980—								
January ..	28·8	29·8	20·3	20·4	24·6	25·1	81	58
February	30·6	31·5	21·1	21·3	25·9	26·4	77	61
March ..	32·7	34·1	23·1	23·6	27·9	28·9	74	61
April ..	34·9	35·6	26·0	26·7	30·5	31·2	72	68
May ..	37·6	39·0	27·8	28·5	32·7	33·8	61	60
			Uthagamandalam.					
1979—								
June ..	18·0	19·3	11·1	11·8	14·5	15·6	79	81
July ..	16·4	17·1	10·9	11·5	13·7	14·3	90	89
August ..	17·3	17·4	10·9	11·0	14·1	14·2	85	89
September	18·2	19·2	10·4	11·2	14·3	15·2	84	85
October ..	18·7	20·3	10·0	10·1	14·4	15·2	80	80
November	18·9	18·5	8·3	10·9	13.6	14.7	92	82
December	19·7	20·7	6·3	6·6	13·0	13·7	74	75

TABLE I.I—*cont.*

Uthagamandalam.

in centigrades.

Month.	*Mean Maximum.*		*Mean Minimum.*		*Mean.*		*Humidity.*	
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8-30 *Hrs.*	17-30 *Hrs.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1980—								
January	19·9	23·3	5.1	3·5	12·5	13·4	46	50
February	20·6	22·5	6·3	6·6	13·5	14·6	52	46
March ..	21·9	22·7	8·4	9·7	15·2	16·2	37	46
April	22·1	23·5	10·2	11·8	16·2	17·7	54	66
May	21·8	23·3	11·2	12·1	16·5	17·7	65	71
			Kodaikanal.					
1979—								
June	18·5	19·0	12·2	12·5	15·4	15·8	73	84

July	17.1	17.8	11.5	11.7	14.3	14.8	80	89
August ..	17.5	17.9	11.5	11·4	14·5	14·7	77	85
September	17·7	17·2	11·3	11·4	14·5	14·3	84	91
October ..	17·0	17·4	10·9	10·5	14·0	14·0	80	90
November	16·[illegible]	15·6	9·8	10·8	13·0	13·2	95	96
December	16·4	15·9	8·6	9·4	12·5	12·7	80	85
1980—								
January ..	17·0	18·6	8·0	8·1	12·5	13·4	29	70
February	17·9	18·5	8·7	8·4	13·3	13·5	45	63
March	19·2	19·4	10·0	10·3	14·6	14·9	47	64
April ..	19·8	20·1	11·6	12·1	15·7	16·1	66	87
May ..	20·4	21·6	12·7	13·3	16·6	17·5	64	82

Source : Director, Metrological Centre, Madras.

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TABLE 1·2.

DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL—1979-80.

Range of Rainfall.	*Normal Rainfall.*	*Actual Rainfall.*
(1)	(2)	(3)
1. Below 800 mm. .	Coimbatore, Periyar	.
2. 801 mm to 1,000 mm . .	Pudukkottai, North Arcot, Salem, Dharmapuri, Tiruchirappalli, Madurai Ramanathapuram, Tirunelveli.	Dharmapuri, Periyar, Pudukkottai.
3. 1,001 mm to 1,200 mm	Thanjavur, South Arcot. . .	Madras, Chengalpattu, North Arcot, Salem, Tiruchirappalli, Madurai Ramanathapuram, Tirunelveli.
4. 1201 mm to 1,400 mm	Chengalpattu, Madras	South Arcot, Coimbatore, Thanjavur.
5. 1401 mm to 1,800 mm	Kanniyakumari	Kanniyakumari.
6. 1801 mm and above .	The Nilgiris . . .	The Nilgiris.

Source : Commissioner of Statistics, Madras.

TABLE 1·3

RAINFALL BY SEASONS.

Season.	Normal.	Actual.			
		1976-77.	1977-78.	1978-79.	1979-80
(1)	(2)	(3)	(4)	(5)	(6)
South West Monsoon ..	307·3	314·2	332·7	261·2	361·1
North East Monsoon ..	449·7	440·4	682·4	582·2	604·6
Winter	50·9	24·7	11·7	43·6	0·2
Hot weather	137·8	162·1	96·9	62·8	125·1
Total ..	945·7	941·4	1,123·7	949·8	1,090.8

Source : Commissioner of Statistics, Madras.

TABLE 1·4.

RAINFALL BY DISTRICTS.

(in millimetres).

District.	*Normal Rainfall.*	*Actual Rainfall.*		
		1977-78.	1978-79.	1979-80.
(1)	(2)	(3)	(4)	(5)
Madras	1,285·6	1,574·5	1,619·8	1,162·5
Chengalpattu	1,211·0	1,634·6	1,371·5	1,101·7(P)
South Arcot	1,188·9	1,494·5	1,256·2	1,237·7(P)
North Arcot	971·1	1,283·8	933·3	1,015·3(P)
Salem	842.4	1,033·8	892·6	1,032.6
Dharmapuri	844·3	893·2	752·0	807·2(P)
Coimbatore	711·5	946·6	748·8	1,298·9(P)

Periyar	726·1	..	..	932·4
Tiruchirappalli	867·8	1,072·4	815·8	1,027·8(P)
Pudukottai	922·8	936·8	853·5	954·2(P)
Thanjavur	1,168·1	1,383·8	1,364·8	1,247·5
Madurai	854·8	1,148·1	805·8	1,093·0(P)
Ramanathapuram	839·5	1,010·6	748·4	1,033·8(P)
Tirunelveli	814·8	962·8	742·6	1,111·7(P)
The Nilgiris	1,920·8	1,960·5	2,140·4	1,911·6
Kanniyakumari	1,469·7	1,386·0	1,298·5	1,427·9
STATE	945·7	1,123·7	949·8	1,090·8 (P)

Source : Commissioner of Statistics, Madras.

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II. STATE INCOME.

TABLE 2·1.

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES.
TAMIL NADU.

(RUPEES IN LAKHS).

Serial number and industry.	1970–71	1971–72	1972–73	1973–74
(1)	(2)	(3)	(4)	(5)
1 Agriculture	94,983	1,12,483	1,14,230	1,46,756
2 Forestry and Logging ..	816	1,066	903	1,084
3 Fishing	1,955	2,133	2,527	2,933
4 Mining and Quarrying ..	1,286	1,452	1,399	1,630
Sub-total. Primary ..	99,040	1,17,134	1,19,059	1,52,403
5·1. Manufacturing (Registered)	26,462	27,674	31,236	38,840
5·2. Manufacutring (un-registered).	19,409	21,762	23,277	23,668
6 Construction	12,315	14,232	15,074	15,745
7 Electricity, gas and water Supply.	3,749	3,785	4,426	5,247
Sub-total: Secondary ..	61,935	67,453	74,013	83,500

8·1. Railways	2,908	3,004	2,986	2,619
8·2. Transport by other means and storage.	7,832	9,590	10,865	14,911
8·3. Communication ..	2,521	2,644	2,632	3,358
9 Trade, Hotels and Restaurants.	32,969	37,980	40,324	50,268
Sub-total ..	46,230	53,218	56,807	71,156
10 Banking Insurance.. ..	5,068	6,439	7,493	8,807
11 Real Estate and ownership of dwellings and business services.	8,003	8,674	9,518	10,236
Sub-total ..	13,071	15,113	17,011	19,043
12 Public Administration ..	7,937	9,324	9,944	11,753
13 Other Services	13,859	14,724	15,647	16,520
SUB-TOTAL ..	21,796	24,048	25,591	28,273
14 Net State Domestic Product at factor cost.	2,42,072	2,76,966	2,92,481	3,54,375
15 Estimated Population (in lakhs).	407	415	421	427
16 Per capita income (in Rupees.)	595	667	695	830

TABLE 2·1—*cont.*

Serial number and industry. (1)	1974–75 (6)	1975–76 RE (7)	1976–77 RE (8)	1977–78 PRLY. (9)	1978–79 Q.E. (10)
1 Agriculture	1,33,470	1,12,944	1,31,296	1,39,708	1,62,781
2 Forestry and Logging ..	1,483	1,148	1,598	2,356	2,299
3 Fishing	2,932	3,105	3,415	3,539	4,095
4 Mining and Quarrying ..	2,064	1,681	1,819	1,887	1,840
Sub-Total : Primary ..	1,39,949	1,18,878	1,38,128	1,47,490	1,71,015
5·1 Manufacturing (Registered).	53,613	52,893	61,638	75,109	86,961
5·2 Manufacturing (un-registered).	30,887	32,853	33,847	36,401	36,910
6 Construction	18,901	22,647	27,136	32,514	38,958
7 Electricity, gas and water supply.	6,135	6,267	8,219	7,482	7,867
Sub-Total : Secondary ..	1,09,536	1,14,660	1,30,840	1,51,506	1,70,696
8·1 Railways	3,499	4,439	4,712	4,858	5,008
8·2. Transport by other means and storage.	16,211	13,733	19,528	22,368	23,519
8·3 Communication ..	3,645	4,291	5,635	6,207	7,037

9 Trade, hotels and restaurants.	53,093	53,993	60,712	67,867	75,499
Sub-total ..	76,448	76,456	90,587	1,01,390	1,11,063
10 Banking and Insurance.	11,360	14,865	16,282	17,700	19,242
11 Real Estate and ownership of dwellings and business services.	10,331	11,141	12,153	13,463	14,926
Sub-Total ..	21,691	26,006	28,435	31,163	34,168
12 Public Administration ..	13,182	15,381	15,899	17,874	19,868
13 Other services ..	18,537	18,405	18,985	19,754	21,302
Sub-Total ..	31,719	33,786	34,884	37,628	41,170
14 Net State Domestic Product at Factor cost.	3,79,343	3,69,786	4,22,874	4,69,177	5,28,112
15 Estimated Population (in lakhs).	434	440	446	453	459
16 Per Capita income (in Rs.)	874	840	948	1,036	**1,151**

Source : Commissioner of Statistics, Madras.

TABLE 2·2.

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN—AT CONSTANT (1970–71) PRICES–TAMIL NADU.

(RUPEES IN LAKHS).

Serial number and industry.	1970–71	1971–72	1972–73	1973—74
(1)	(2)	(3)	(4)	(5)
1 Agriculture	94,983	1,01,524	99,222	1,08,643
2 Forestry and Logging ..	816	843	678	691
3 Fishing	1,955	2,125	2,331	2,560
4 Mining and Quarrying ..	1,286	1,427	1,111	1,262
Sub-Total : Primary ..	99,040	1,05,919	1,03,342	1,13,156

5·1 Manufacturing (Registered)	26,462	27,573	29,135	29,690
5·2 Manufacturing (Un-Registered).	19,409	19,001	18,924	16,866
6 Construction	12,315	13,099	13,077	11,984
7 Electricity, gas and water supply.	3,749	3,954	3,909	3,862
Sub-Total : Secondary	61,935	63,627	65,045	62,402
8·1 Railways	2,908	2,917	2,950	2,714
8·2 Transport by other means and storage.	7,832	7,847	8,655	8,937
8·3 Communication	2,521	2,513	2,516	3,016
9 Trade, Hotels and Restaurants.	32,969	35,353	35,676	38,135
Sub-Total ..	46,230	48,630	49,797	52,802
10 Banking and Insurance ..	5,068	6,069	6,566	6,236

TABLE 2·2—*cont*.

(RUPEES IN LAKHS).

Serial number and industry (1)	1970–71 (2)	1971–72 (3)	1972–73 (4)	1973–74 (5)
11 Real Estate and ownership of dwellings and Business services.	8,003	8,290	8,602	8,937
Sub-Total ..	13,071	14,359	15,168	15,173
12 Public Administration ..	7,937	7,994	8,180	9,522
13 Other Services	13,859	14,009	14,127	14,455
Sub-Total ..	21,796	22,003	22,307	23,977
14 Net State Domestic Product at Factor cost.	2,42,072	2,54,538	2,55,659	2,67,510
15 Estimated population (in lakhs).	407	415	421	427
16 Per Capita Income (in Rs.)	595	613	607	626

TABLE 2·2—*cont.*

(RUPEES IN LAKHS.)

Serial number and industry. (1)	1974–75 (6)	1975–76 (7) RE.	1976–77 (8) RE	1977–78 (9) PRLY.	1978–79 (10) QE
1 Agriculture	78,410	95,720	89,902	1,05,379	1,18,644
2 Forestry and Logging ..	634	556	562	651	880
3 Fishing	2,438	2,954	2,811	2,874	2,718
4 Mining and Quarrying ..	1,151	849	943	875	860
Sub-Total : Primary ..	82,633	100,079	94,218	1,09,779	1,23,102
5·1 Manufacturing (Registered).	29,902	28,377	30,528	31,144	36,213
5·2 Manufacturing (Un-registered).	17,546	19,143	19,155	20,313	20,597

TABLE 2·2—*cont.*

(RUPEES IN LAKHS.)

Serial number and industry (1)	1974–75 (6)	1975–76 (7) RE	1976–77 (8) RE	1977–78 (9) PRLY	1978–79 (10) QE
6 Construction	12,533	13,801	16,337	19,814	23,741
7 Electricity, gas and water supply.	4,061	4,502	4,695	5.370	6.144
Sub-total: Secondary	64,042	65,823	70,715	76,641	86,695
8·1 Railways	3,026	3,562	3,284	3,355	3,458
8·2 Transport by other means and storage.	8,300	8,970	9,095	9,790	10,270
8·3 Communication ..	2,997	3,302	3,491	3,681	4,114
9 Trade, Hotels and Restaurants	31,265	36,546	36,151	40,496	44,657
Sub-total ..	45,588	52,380	52,021	57,322	62,499

10 Banking and Insurance	5,857	6,992	7,804	8,668	9,427
11 Real Estate and ownership of dwellings and business services.	9,307	9,703	10,127	10,589	11,089
Sub-total ..	15,164	16,695	17,931	19,257	20,516
12 Public Administration ..	10,018	12,749	12,780	14,155	15,282
13 Other services	15,045	13,444	13,797	14,029	14,304
Sub-total ..	25,063	26,193	26,577	28,184	29,586
14 Net State Domestic Product at Factor Cost.	2,32,490	2,61,170	2,61,462	2,91,183	3,22,398
15 Estimated population (in lakhs).	434	440	446	453	459
16 Per Capita Income (in Rs.).	536	594	586	643	702

III. AREA AND POPULATION.

TABLE 3·1.

AREA BY DISTRICTS, 1971.

(IN SQUARE KILOMETRES).

District/State.	*Rural.*	*Urban.*	*Total.*
Tamil Nadu	1,24,175·5	5,893·5	1,30,069·0
1. Madras	..	128·0	128·0
2. Chengalpattu	7,279·0	641·0	7,920·0
3. South Arcot	10,659·6	238·4	10,898·0
4. North Arcot	12,026·6	238·4	12,265·0
5. Salem	8,291·9	351·1	8,643·0

6. Dharmapuri	9,575·4	67·6	9,643·0
7. Coimbatore	14,733·8	939·2	15,673·0
8. The Nilgiris	1,642·5	906·5	2,549·0
9. Thanjavur	7,943·6	318·2	8,261·8
10. Tiruchirapalli	10,769·0	345·3	11,114.3
11. Pudukkottai	4,594·5	55·4	4,649·9
12. Madurai	12,168·0	461·0	12,629·0
13. Ramanathapuram	12,176·9	401·1	12,578·0
14. Tirunelveli	10,673·7	759·3	11,433·0
15. Kanniyakumari	1,641·2	42·8	1,684·0

NOTE.—Total will not tally due to rounding off the figures.

Source: Census of India, 1971.

TABLE 3·2.

POPULATION BY DISTRICTS—1971.

(as per census 1971).

State/District (1)		Persons. (2)	Males. (3)	Females. (4)
Tamil Nadu	Total	41,199,168	20,828,021	20,371,147
	Rural	28,734,334	14,438,727	14,295,607
	Urban	12,464,834	6,389,294	6,075,540
Madras	Total	2,469,449	1,297,195	1,172,254
	Rural	..	..	..
	Urban	2,469,449	1,297,195	1,172,254
Chengalpattu	Total	2,907,599	1,492,978	1,414,621

	Rural	1,896,909	965,590	931,319
	Urban	1,010,690	527,388	483,302
South Arcot	Total	3,617,723	1,836,950	1,780,773
	Rural	3,104,726	1,574,348	1,530,378
	Urban	512,997	262,602	250,395
North Arcot	Total	3,755,797	1,905,360	1,850,437
	Rural	2,972,702	1,507,606	1,465,096
	Urban	783,095	397,754	385,341
Salem	Total	2,992,616	1,524,329	1,468,287
	Rural	2,197,234	1,117,170	1,080,064
	Urban	795,382	407,159	388,223
Dharmapuri	Total	1,677,775	852,274	825,501
	Rural	1,533,834	778,537	755,297
	Urban	143,941	73,737	70,204

TABLE 3·2—*cont.*

State/ District.		*Persons.*	*Males.*	*Females.*
(1)		(2)	(3)	(4)
Coimbatore	Total	4,373,178	2,235,039	2,138,139
	Rural	2,816,936	1,427,227	1,389,709
	Urban	1,556,242	807,812	748,430
The Nilgiris	Total	494,015	254,120	239,895
	Rural	250,780	127,912	122,868
	Urban	243,235	126,208	117,027

Thanjavur	Total	3,550,063	1,780,806	1,769,257
	Rural	2,778,875	1,393,690	1,384,685
	Urban	771,688	387,116	384,572
Tiruchirapalli	Total ..	3,192,134	1,606,721	1,585,413
	Rural ..	2,433,755	1,219,578	1,214,177
	Urban ..	758,379	387,143	3,71,236
Pudukkottai	Total ..	947,351	471,067	476,284
	Rural ..	832,372	413,126	419,246
	Urban ..	114,979	57,941	57,038
Madurai	Total ..	3,938,197	1,982,905	1,955,292
	Rural ..	2,614,003	1,308,624	1,305,379
	Urban ..	1,324,194	674,281	649,913

TABLE-3·2—*cont.*

State/District.		*Persons.*	*Males.*	*Females.*
(1)		(2)	(3)	(4)
Ramanathapuram	Total	2,860,207	1,400,835	1,459,372
	Rural	2,113,545	1,029,578	1,083,967
	Urban	746,662	371,257	375,405
Tirunelveli	Total	3,200,515	1,567,558	1,632,957
	Rural	2,171,019	1,058,577	1,112,442
	Urban	1,029,496	508,981	520,515

Kanniyakumari	Total ..	1,222,549	619,884	602,665
	Rural ..	1,018,144	517,164	500,980
	Urban ..	204,405	102,720	101,685

Source :—Census of India 1971.

TABLE 3·3

LITERATE AND EDUCATED PERSONS—1971

State / District. (1)		Persons. (2)	Males. (3)	Females. (4)
1 Tamil Nadu	Total	16,256,393	10,783,783	5,472,610
	Rural	9,231,587	6,518,218	2,713,369
	Urban	7,024,806	4,265,565	2,759,241
2 Madras	Total	1,531,406	915,488	615,918
	Rural	..	..	..
	Urban	1,531,406	915,488	615,918
3 Chengalpattu	Total	1,155,136	772,791	382,345
	Rural	595,237	423,471	171,766
	Urban	559,899	349,320	210,579

4 South Arcot	Total ..	1,126,397	809,388	317,009
	Rural ..	848,178	638,926	209,252
	Urban ..	278,219	170,462	107,757
5 North Arcot	Total ..	1,301,921	906,028	395,893
	Rural ..	888,272	652,268	236,004
	Urban ..	413,649	253,760	159,889
6 Salem	Total ..	949,002	650,511	298,491
	Rural ..	564,126	410,167	153,959
	Urban ..	384,876	240,344	144,532
7 Dharmapuri	Total ..	374,453	269,841	104,612
	Rural ..	302,233	225,229	77,004
	Urban ..	72,220	44,612	27,608
8 Coimbatore	Total ..	1,701,088	1,147,232	553,856
	Rural ..	863,706	622,647	241,059
	Urban ..	837,382	524,585	312,797

TABLE 3·3—*cont.*

District/State.		*Persons.*	*Males.*	*Females.*
(1)		(2)	(3)	(4)
9 The Nilgiris	Total ..	232,342	148,613	83,729
	Rural ..	103,492	69,114	34,378
	Urban ..	128,850	79,499	49,351
10 Thanjavur	Total ..	1,430,720	953,688	477,032
	Rural ..	1,008,056	699,798	308,258
	Urban ..	422,664	253,890	168,774
11 Tiruchirapalli	Total ..	1,238,511	841,860	396,651
	Rural ..	783,085	570,771	212,314
	Urban ..	455,426	271,089	184,337

12 Pudukkottai	Total ..	297,443	216,932	80,511
	Rural ..	230,768	176,502	54,266
	Urban ..	66,675	40,430	26,245
13 Madurai	Total ..	1,634,860	1,091,901	542,959
	Rural ..	874,893	630,648	244,245
	Urban ..	759,967	461,253	298,714
14 Ramanathapuram ..	Total ..	1,136,629	766,476	370,153
	Rural ..	721,954	514,454	207,500
	Urban ..	414,675	252,022	162,653
15 Tirunelveli	Total ..	1,434,809	895,581	539,228
	Rural ..	871,104	560,387	310,717
	Urban ..	563,705	335,194	228,511
16 Kanniyakumari	Total ..	711,676	397,453	314,223
	Rural ..	576,483	323,836	252,647
	Urban ..	135,193	73,617	61,576

Source : Census of India, 1971.

TABLE 3·4

POPULATION BY BROAD INDUSTRIAL CATEGORIES OF WORKERS 1971.

Industrial Category.	*Persons. in Tamil nadu*	*Percentage to total Workers in*	
		Tamil Nadu	*All India.*
(1)	(2)	(3)	(4)
WORKERS—			
1 Cultivators	4,607,787	31·26	43·34
2 Agricultural labourers	4,490,065	30·46	26·33
3 Livestock, Forestry, Fishing, Hunting and Plantations, Orchards and allied activities.	403,295	2·74	2·38
4 Mining and Quarrying	50,654	0·34	0·51
5 Manufacturing, Processing Servicing and Repairs.			

(*a*) Household Industry	669,913	4·54	3·52
(*b*) Non-Household Industry	1,302,424	8·83	5·94
6 Construction	234,235	1·59	1·23
7 Trade and Commerce	1,154,222	7·83	5·57
8 Transport, Storage and Communication	465,657	3·16	2·44
9 Other Services	1,363,715	9·25	8·74
Total Workers	14,741,967	100·00	100·00
Percentage of workers to total population.	..	35·78	32·92
10 Non-Workers	26,457,201	64·22	67·08
Total Population	41,199,168	100·00	100·00

Source : Census of India, 1971.

TABLE 3·5

Population by Mother tongue—1971

Mother tongue	Persons in Tamil Nadu		Percentage variation since 1961.	Percentage in	
	1971.	1961.		Tamil Nadu.	All India.
(1)	(2)	(3)	(4)	(5)	(6)
All languages ..	4,11,99,168	3,36,86,953	22·30	100·00	100·00
Assamees ..	134	70	91·43	N	1·63
Bengali	3,615	2,498	44·72	0·01	8·17
Gujarati ..	1,99,045	17,929	1,010·18	0·48	4·72
Hindi	77,445	38,974	98·70	0.19	38·04
Kannada ..	10,56,512	8,53,211	23·82	2·56	3·96
Kashmiri ..	94	89	5·61	N	0·46

Malayalam ..	5,59,186	3,99,206	40·07	1·36	4·00
Marathi ..	59,965	51,431	16·59	0·15	7·62
Oriya	422	399	5·76	N	3·62
Punjabi ..	5,018	3,473	44·49	0·01	2·57
Sanskrit ..	254	117	117·09	N	N
Sindhi	8,353	7,148	16·86	0·02	0·31
Tamil ..	3,48,17,421	28,011,099	24·30	84·51	6·88
Telugu	36,00,078	33,63,579	7·03	8·74	8.17
Urdu	7,59,607	6,15,503	23·41	1·84	5·22
Others	52,019	3,22,227	..	0·13	4·63

Source : Census of India, 1971.

TABLE 3·6

POPULATION BY RELIGION—1971

Religion.	*Persons in Tamil Nadu.*	*Percentage Variation since 1961*	*Percentage in*	
			Tamil Nadu.	*All India.*
(1)	(2)	(3)	(4)	(5)
Hindus	3,66,74,150	21·05	89·02	82.72
Muslims	21,03,899	34·83	5·11	11·21
Christians	23,67,749	34·31	5·75	2·60
Sikhs	4,355	69.65	0·01	1·89
Buddhists	1,148	47·75	N	0·70
Jains	41,097	44·96	0·10	0·47
Other Religions	6,080	— 82·49	0·01	0·40
Religion not stated	690	1,468·18	N	0·01

Source : Census of India 1971.

TABLE 3.7.

POPULATION BY AGE GROUPS—1971

(As per census 1971)

Age group. (1)	Persons in Tamil Nadu. (2)	Percentage to total in Tamil Nadu. (3)	Percentage to total in All India. (4)
0–14	15,562,040	37.76	42.02
15–19	3,593,957	8.72	8.66
20–24	3,533,028	8.58	7.86
25–29	3,353,596	8.14	7.44
30–39	5,613,646	13.63	12.60
40–49	4,328,248	10.51	9·34
50–59	2,845,859	6.91	6.09
60+	2,365,490	5.74	5.97
Age not stated	3,304	0.01	0.02
Total	41,199,168	100.00	100.00

Source : Census of India 1971.

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TABLE 3.8.

SCHEDULED CASTES AND SCHEDULED TRIBES—1971.

(As per Census 1971).

District/State. (1)		*Scheduled Castes.* (2)	*Scheduled Tribes.* (3)	*Total.* (4)
Tamil Nadu	Total ..	7,315,595	311,515	7,627,110
	Rural ..	6,050,302	294,379	6,344,681
	Urban ..	1,265,293	17,136	1,282,429
Madras	Total ..	259,119	928	260,047
	Rural ..	..	..	..
	Urban ..	259,119	928	260,047
Chengalpattu	Total ..	763,991	27,189	791,180
	Rural ..	612,149	23,354	635,503
	Urban ..	151,842	3,835	155,677

South Arcot	Total ..	937,894	14,105	951,999
	Rural ..	879,911	13,832	893,743
	Urban ..	57,983	273	58,256
North Arcot	Total ..	725,885	70,727	796,612
	Rural ..	628,430	69,382	697,812
	Urban ..	97,455	1,345	98,800
Salem	Total ..	480,317	94,383	574,700
	Rural ..	405,332	94,061	499,393
	Urban ..	74,985	322	75,307
Dharmapuri	Total ..	227,825	30,123	257,948
	Rural ..	216,708	29,524	246,232
	Urban ..	11,117	599	11,716
Coimbatore	Total ..	688,271	26,021	714,292
	Rural ..	497,322	25,058	522,380
	Urban ..	190,949	963	191,912

TABLE 3·8—*cont.*

District/State. (1)		*Scheduled Castes.* (2)	*Scheduled Tribes.* (3)	*Total.* (4)
The Nilgiris	Total ..	92,694	19,869	112,563
	Rural ..	45,618	13,904	59,522
	Urban ..	47,076	5,965	53,041
Thanjavur	Total ..	808,112	922	809,034
	Rural ..	752,476	624	753,100
	Urban ..	55,636	298	55,934
Tiruchirapalli	Total ..	580,211	14,731	594,942
	Rural ..	515,559	14,685	530,244
	Urban ..	64,652	46	64,698
Pudukkottai	Total ..	151,294	278	151,572
	Rural ..	142,568	238	142,806
	Urban ..	8,726	40	8,766

Madurai	Total	587,874	6,707	594,581
	Rural	499,534	5,628	505,162
	Urban	88,340	1,079	89,419
Ramanathapuram	Total	459,616	1,056	460,672
	Rural	406,196	492	406,688
	Urban	53,420	564	53,984
Tirunelveli	Total	504,956	1,614	506,570
	Rural	407,679	796	408,475
	Urban	97,277	818	98,095
Kanniyakumari	Total	47,536	2,862	50,398
	Rural	40,820	2,801	43,621
	Urban	6,716	61	6,777

Source : Census of India 1971.

TABLE 3.9.

SALIENT FEATURES OF CENSUS 1971.

District/State.	*Density per. Sq. KM.*	*Females Per 1000 Males.*	*Increase in population since 1961 (Per cent.)*	*Urban Population (Per cent.)*
(1)	(2)	(3)	(4)	(5)
Madras	19,293	904	42·81	100.00
Chengalpattu	367	948	32·38	34.76
South Arcot	332	969	18·69	14.18
North Arcot	306	971	19·37	20.85
Salem	346	963	21·07	26.58

Dharmapuri	174	969	25.94	8.58
Coimbatore	279	957	22.93	35.59
Nilgiris	194	944	20.70	49.24
Thanjavur	430	994	19.47	21.74
Tiruchirapalli	287	987	19.48	23.76
Pudukkottai	204	1,011	19.48	12.14
Madurai	312	986	22.63	33.62
Ramanathapuram	227	1,042	18.11	26.11
Tirunelveli	280	1,042	17.22	32.17
Kanniyakumari	726	972	22.63	16.72
State	317	978	22.30	30.26

TABLE 3·9—*cont.*

District/State. (1)	*Literacy. (Per cent.)* (6)	*Urban area. (Per cent.)* (7)	*Scheduled Castes (Per cent.)* (8)	*Scheduled Tribes (Per cent.)* (9)	*Scheduled Castes and Scheduled Tribes. (Per cent)* (10)
Madras	62.01	100.00	10.5	0.04	10.54
Chengalpattu	39.73	8.09	26.3	0.94	27.24
South Arcot	31.14	2.19	25.9	0.39	26.29
North Arcot	34.66	1.94	19.3	1.88	20.18
Salem	31.71	4.06	16.1	3.15	19.25
Dharmapuri	22.32	0.70	13.6	1.79	15.39
Coimbatore	38.90	5.99	15.7	0.60	16.30

Nilgiris	47.03	35.56	18.8	4.02	22.82
Thanjavur	40.30	3.85	22.76	0.03	22.79
Tiruchirapalli	38.79	3.10	18.18	0.46	18.64
Pudukkottai	31.40	1.19	32.12	0.06	32.18
Madurai	41.51	3.65	14.9	0.17	15.07
Ramanathapuram	39.74	3.18	16.1	0.04	16.14
Tirunelveli	44.83	6.41	15.8	0.05	15.85
Kanniyakumari	58.21	2.54	3.9	0.23	4.13
State	29.46	4.53	17.8	0.74	18.54

Source : Census of India 1971.

IV. AGRICULTURE

TABLE 4.1

SOIL CLASSIFICATION—1978–79.

Type of Soil. (1)	*Places in Tamil Nadu.* (2)
I. Red Loam	Parts of Chengalpattu, South Arcot, North Arcot, Salem (including Dharmapuri), Coimbatore, Tiruchirapalli, Thanjavur, Ramanathapuram, Madurai, Tirunelveli and The Nilgiris.
II. Lateritic Soil	Parts of The Nilgiris District.
III. Black Soil	Parts of Chengalpattu, South Arcot, North Arcot, Salem (including Dharmapuri), Coimbatore, Ramanathapuram, Madurai, Tirunelveli and The Nilgiris.

IV. Sandy Coastal Alluvium	On the Coasts in the districts of Ramanathapuram, Thanjavur, South Arcot, Chengalpattu and Kanniyakumari.
V. Red Sandy soil	Small patches in the districts of Coimbatore and The Nilgiris.

Source : Commissioner of Statistics, Madras.

TABLE 4.2

LAND UTILISATION—1978-79.

According to village papers.

(AREA IN HECTARES.)

Classification.	1976-77.	1977-78.	1978-79.
(1)	(2)	(3)	(4)
A. Total Geographical area ‡	129,98,978	12,998,998	13,001,170
B. 1. Forests	2,000,532	2,023,337	2,030,686
2. Barren and uncultivable lands ..	623,520	617,035	610,381
3. Land put to non-agricultural uses ..	1,654,763	1,648,868	1,677,616
4. Cultivable waste	378,586	356,290	361,896
5. Permanent pastures and other grazing lands	178,604	177,055	161,383

6. Land under miscellaneous tree crops and groves not included in the net area sown	193,394	192,274	193,423
7. Current fallow..	1,413,866	1,198,531	1,267,381
8. Other fallow lands	548,821	490,582	447,571
9. Net area sown	6,006,892	6,295,026	6,250,883
C. Area sown more than once	1,140,176	1,473,148	1,433,396
D. Total cropped area	7,147,068	7,768,174	7,684,229

‡ Revised by Collectorates.

Source : Commissioner of Statistics, Madras.

TABLE 4·3.

CROPPING PATTERN.

(AREA IN HECTARES.)

Crop. (1)	1976-77. (2)	1977–78. (3)	1978–79. (4)
1 Paddy	22,83,656	27,82,333	27,56,451
2 Cholam	8,41,757	7,50,770	6,95,580
3 Cumbu	4,56,106	4,37,206	4,08,510
4 Ragi	2,90,283	2,90,799	2,79,917
5 Other cereals and millets	4,89,347	4,59,391	3,99,200
6 Pulses	5,45,298	5,82,304	6,16,125
7 Other food crops	5,88,266	6,50,140	6,76,740
8 Total food crops	54,94,713	59,52,943	58,32,523
9 Total non-food crops	16,52,355	18,15,231	18,51,707

TABLE 4·3—*cont.*

Crop.	Percentage to gross area sown under all crops.		
	1976–77.	1977–78.	1978–79.
(1)	(2)	(3)	(4)
1 (Rice) Paddy	32·0	35·8	35·9
2 Cholam	11·8	9·7	9.1
3 Cumbu	6·4	5·6	5·3
4 Ragi	4·1	3·7	3·6
5 Other cereals and millets	6·8	5·9	5·2
6 Pulses	7·6	7·5	8·0
7 Other food crops	8·2	8·4	8·8
8 Total food crops	76·9	76·6	75·9
9 Total non-food crops	23·1	23·4	24·1

Source : Commissioner of Statistics, Madras,

TABLE 4·4.

AREA, PRODUCTION AND AVERAGE YIELD OF PRINCIPAL CROPS IN TAMIL NADU AND INDIA, 1978–79.

Crop.	*Tamil Nadu.*		
	Area. (Hectares.)	*Production. (Tonnes).*	*Yield. (Kg./Hectare)*
(1)	(2)	(3)	(4)
1 Rice	27,56,451	55,58,640	2,017
2 Cholam	6,95,580	6,35,670	912
3 Cumbu	4,08,510	4,54,340	1,112
4 Ragi	2,79,917	4,20,430	1,502
5 Maize	21,588	23,170	1,075
6 Small Millets (including Wheat and Barley)	3,77,612	2,86,750	759
7 Bengalgram	9,527	5,610	588

8 Redgram	73,416	50,660	690
9 Other Pulses	50,72,840	1,62,660	199
10 Sugarcane @	1,54,423	18,60,850	12,050
11 Cotton **	3,47,197	5,68,480	278
12 Groundnut	9,83,344	11,28,540	1,148
13 Gingelly seed	1,31,618	46,290	352
14 Castor	10,287	4,190	407

Source : Commissioner of Statistics, Madras.

TABLE 4.4—*cont.*

Crop.	*India.*		
	Area.	*Production.*	*Yield Kg./Hectare.*
(1)	(5)	(6)	(7)
	'000' hectares.	'000' tonnes.	
1 Rice	40,196	53,829	1,339
2 Cholam	16,125	11,563	717
3 Ragi	2,619	3,039	1,160
4 Cumbu	11,342	5,515	486
5 Maize	5,779	6,219	1,076
6 Small millets (including Wheat and Barley)	4,457	1,932	433
7 Bengal gram	7,871	5,835	741

8 Redgram	2,663	1,914	719
9 Other Pulses	13,015	4,421	340
10 Sugarcane (Gur)	3,119	16,035	5,140
11 Cotton	8,037	7,927	986
12 Groundnut	7,540	6,387	847
13 Gingelly seed	2,441	540	221
14 Castor	446	236	529

Source : Economic and Statistical Adviser to the Government of India, New Delhi.

TABLE—4·5.

AREA UNDER PRINCIPAL CROPS—BY DISTRICTS, 1978–79.

(In Hectares.)

District.	Paddy.	Cholam.	Cumbu.	Maize.	Ragi.
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu	3,66,518	508	5,040	4	19,496
2 South Arcot	3,31,758	20,698	74,465	228	18,465
3 North Arcot	2,94,840	30,593	12,996	992	22,625
4 Salem	70,913	82,918	38,383	238	34,439
5 Dharmapuri	53,984	57,993	10,563	597	96,948
6 Periyar .. .. .. } 7 Coimbatore .. .. }	1,13,224	2,11,843	42,342	12,107	33,327
8 The Nilgiris	3,369	77	59	21	1,144

9 Thanjavur	5,97,447	75	1,121	1,896	975
10 Tiruchirapalli	1,80,975	1,26,455	87,320	967	4,979
11 Pudukkottai	1,20,011	3,215	1,431	3,997	6,246
12 Madurai	1,58,778	1,29,111	26,688	497	5,592
13 Ramanathapuram	2,69,118	11,076	44,083	2	27,687
14 Tirunelveli	1,49,236	21,010	64,019	42	7,993
15 Kanniyakumari	46,280	8	..	..	1
STATE	27,56,451	6,95,580	4,08,510	21,588	2,79,917

TABLE 4·5—*cont.*

(In hectares.)

District.	*Other Cereals.*	*Total. Cereals.*	*Bengal-gram.*	*Black-gram.*	*Red-gram.*
(1)	(7)	(8)	(9)	(10)	(11)
1 Chengalpattu	3,059	3,94,625	..	832	1,061
2 South Arcot	40,615	4,86,229	191	8,761	4,346
3 North Arcot	20,029	3,82,075	33	2,856	14,631
4 Salem	30,086	2,56,977	230	3,715	8,888
5 Dharmapuri	68,577	2,88,662	1,178	2,681	4,874
6 Periyar } 7 Coimbatore }	18,282	4,31,125	7,573	4,454	8,672
8 The Nilgiris	2,163	6,833	2	..	..
9 Thanjavur	3,415	6,04,929	..	89,177	816

10 Tiruchirapalli	59,373	4,60,069	212	5,191	17,123
11 Pudukkottai	14,748	1,49,648	@@	1,945	1,930
12 Madurai	48,617	3,69,283	26	9,781	7,749
13 Ramanathapuram ..	47,160	3,99,126	40	12,360	2,412
14 Tirunelveli	21,488	2,63,788	42	23,937	911
15 Kanniyakumari	..	46,289	..	926	3
STATE	3,77,612	4,539,658	9,527	166,616	73,416

TABLE—4·5—*cont.*

(In hectares.)

District.	*Green gram.*	*Horse gram.*	*Other pulses.*	*Total pulses.*	*Total food-grains.*
(1)	(12)	(13)	(14)	(15)	(16)
1 Chengalpattu	270	1,006	275	3,444	3,98,069
2 South Arcot	2,817	2,665	992	19,772	6,06,001
3 North Arcot	1,106	13,808	1,802	34,236	4,16,311
4 Salem	2,585	17,998	3,153	36,569	2,93,546
5 Dharmapuri	1,006	69,734	9,063	88,536	3,77,[illegible]98
6 Periyar .. } 7 Coimbatore }	8,477	48,055	18,208	95,439	5,26,564
8 The Nilgiris	..	62	254	318	7,151

9 Thanjavur	72,811	4	294	1,63,102	7,68,031
10 Tiruchirapalli	991	6,375	4,016	33,908	4,93,977
11 Pudukkottai	573	2,211	532	7,191	1,56,839
12 Madurai	3,627	22,777	8,504	52,464	4,21,747
13 Ramanathapuram ..	2,490	6,560	3,316	27,178	4,26,304
14 Tirunelveli	5,739	15,007	6,031	51,667	3,15,455
15 Kanniyakumari	67	449	856	2,301	48,590
STATE ..	1,02,559	2,06,711	57,296	6,16,125	51,55,783

TABLE 4·5—*cont.*

(In hectares)

District.	*Sugar cane.*	*Cotton.*	*Ground-nut.*	*Gingelly.*	*Castor.*
(1)	(17)	(18)	(19)	(20)	(21)
1 Chengalpattu	3,125	183	66,746	7,109	7
2 South Arcot	22,405	9,160	1,53,298	15,920	53
3 North Arcot	31,341	1,588	2,10,354	4,515	526
4 Salem	14,704	27,753	1,09,906	4,477	3,956
5 Dharmapuri	9,786	8,291	54,457	9,514	3,122
6 Periyar .. .. .. 7 Coimbatore	34,984	51,355	1,27,039	24,294	1,438
8 The Nilgiris	43	16	1	16	4

9 Thanjavur	9,134	1,816	46,750	6,994	29
10 Tiruchirappalli	12,060	7,766	62,555	25,200	656
11 Pudukkottai	850	1,081	49,462	1,267	16
12 Madurai	9,364	70,912	62,546	11,776	161
13 Ramanathapuram ..	5,315	71,061	23,782	13,001	98
14 Tirunelveli	1,312	96,210	14,507	6,831	218
15 Kanniyakumari	..	5	1,851	4	3
STATE ..	1,54,423	3,47,197	9,83,344	1,31,618	10,287

Source : Commissioner of Statistics, Madras.

TABLE 4·6.

AREA UNDER PRINCIPAL CROPS IN THE DISTRICTS TO TOTAL AREA SOWN IN THE DISTRICTS IN PERCENTAGE —1978–79.

District.	*Paddy.*	*Cholam.*	*Cumbu.*	*Ragi.*	*Cotton.*	*Ground-nut.*	*Gin-gelly.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Chengalpattu ..	74·3	~~0·01~~ 0·1	1·0	4·0	..	13·5	1·4
2 South Arcot ..	44·2	2·8	10·0	2·5	1·2	20·4	2·1
3 North Arcot ..	42·7	4·4	1·9	3·3	0·2	30·4	0·7
4 Salem	13·7	16·0	7·4	6·6	5·3	21·2	0·9
5 Dharmapuri ..	10·6	11·4	2·1	19·1	1·6	10·7	1·9

6 Periyar .. .. / 7 Coimbatore ..	13·1	24·5	4·9	3·8	5·9	14·7	2·8
8 The Nilgiris ..	5·5	0·1	0·1	1·9	..	..	..
9 Thanjavur ..	66·7	..	6·1	0·1	0·2	5·2	0·8
10 Tiruchirappalli ..	26·4	18·4	12·7	0·7	1·1	9·1	3·8
11 Pudukkottai ..	52·9	1·4	6·0	2·7	0·5	21·8	0·6
12 Madurai	23·8	19·3	4·0	0·8	10·6	9·4	1·8
13 Ramanathapuram	41·4	1·7	6·8	4·3	10·9	3·7	2·0
14 Tirunelveli ..	26·4	3·7	11·3	1·4	17·0	2·6	1·2
15 Kanniyakumari ..	43·9	..	..	..	..	1·8	..
STATE ..	35·9	9·0	5·3	3·6	4·5	12·8	1·7

Source : Commissioner of Statistics, Madras.

TABLE 4·7.

PRODUCTION OF PRINCIPAL CROPS BY DISTRICTS 1978-79.

(TONNES)

District. (1)	*Rice.* (2)	*Cholam.* (3)	*Cumbu.* (4)	*Ragi.* (5)	*Total.* (6)
1 Chengalpattu	6,17,580	420	12,100	28,710	6,61,430
2 South Arcot	6,86,410	27,550	1,38,560	41,310	9,49,320
3 North Arcot	6,42,460	36,650	16,850	39,710	7,50,850
4 Salem	1,48,140	48,420	22,630	16,970	2,97,880
5 Dharmapuri	97,170	69,450	9,990	1,15,630	3,25,460
6 Periyar .. .. .. 7 Coimbatore	2,52,380	1,66,150	43,950	52,550	5,36,820

8 The Nilgiris	5,170	60	110	1,240	7,920
9 Thanjavur	1,239,110	60	760	1,920	1,247,700
10 Tiruchirappalli	414,610	77,460	63,820	8,460	625,660
11 Pudukkottai	227,540	2,720	1,400	44,470	255,940
12 Madurai	391,860	154,740	30,170	10,120	618,410
13 Ramanathapuram ..	333,980	9,920	51,280	38,330	467,280
14 Tirunelveli	403,380	42,060	62,320	16,510	535,470
15 Kanniyakumari	98,850	10	..	..	98,860
STATE ..	5,558,640	635,670	444,340	420,430	7,379,000

TABLE 4·7—*cont.*

(TONNES)

District.	*Total pulses.*	*Sugarcane (Gur).*	*Cotton.* **	*Gingelly.*	*Ground-nut (Unshelled.)*
(1)	(7)	(8)	(9)	(10)	(11)
1 Chengalpattu	1,670	44,590	460	2,770	87,120
2 South Arcot	8,880	299,990	15,910	7,200	206,900
3 North Arcot	17,230	326,740	3,960	1,460	171,310
4 Salem	13,470	292,280	59,880	1,810	133,410
5 Dharmapuri	25,460	111,720	9,540	1,490	80,880
6 Periyar .. .. .. } 7 Coimbatore .. .. }	32,650	423,290	134,070	11,980	139,690

8 The Nilgiris	90	500	40	..	..
9 Thanjavur	56,730	57,720	4,620	1,600	48,870
10 Tiruchirapalli	15,010	152,870	10,050	8,300	76,090
11 Pudukkottai	2,760	9,930	1,940	380	53,480
12 Madurai	18,130	83,980	140,740	4,750	87,220
13 Ramanathapuram ..	8,420	41,910	90,600	2,890	22,940
14 Tirunelveli	17,900	15,330	96,670	1,660	18,810
15 Kanniyakumari	530	..	..	..	1,820
STATE ..	218,930	1,860,850	568,480	46,290	1,128,540

Source : Commissioner of Statistics, Madras.

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TABLE 4·8.

INDEX NUMBERS OF AGRICULTURAL ECONOMY, 1978–79 (P).

(Triennium ended 1969–70=100)

Item. (1)	*Food.* (2)	*Non-Food.* (3)	*General.* (4)
1 Index numbers of area under crops ..	108·6	114·4	110·3
2 Index numbers of cropping pattern ..	99·6	104·5	103·6
3 Index numbers of yield	144·9	123·3	132·9
4 Index numbers of agricultural production.	156·6	147·5	151·9

Source : Commissioner of Statistics, Madras.

TABLE 4·9.

AGRICULTURAL MACHINERY AND IMPLEMENTS, 1977.

Item. (1)		*Number.* (2)
1 Ploughs—		
	Total	3,749,862
	Wooden	3,066,659
	Iron	683,203
2 Bullock carts		630,527
3 Sugar cane crushes —		
	Total	22,217
	Worked by power	12,170
	Worked by bullocks	10,047
4. Tractors (Crawlers, Tractors, Hand Tractors and Four Wheeled Tractors)		8,548
5. Oil Engines (used for Irrigation and other Agricultural purposes)		2,76,046
6. Electric motors with pump sets		7,84,643
7. Oil Ghanis		4,719

Source : Twelfth Livestock Census, 1977.

TABLE 4·10

Number and Area of Operational Land Holdings—1976-77

(Revised).

Serial number and Size class (Hectares).	*Individual Holding.*		*Joint Holding.*	
	Number.	*Area.*	*Number.*	*Area.*
1. Below 0·5	2,467,021	618,398·17	157,733	30,146.00
2. 0·5—1·0	1,278,936	926,616·71	41,200	29,971·87
3. 1·0—2·0	1,091,061	1,536,616·87	33,147	47,616·08
4. 2·0—3·0	443,111	1,080,563·55	15,210	37,265·77
5. 3·0—4·0	215,963	728,568·17	7,524	25,015·55
6. 4·0—5·0	121,572	536,966·14	4,427	19,666·89
7. 5·0—7·5	124,298	750,194·21	4,493	26,257·36

8. 7·5—10·0	47,942	406,860·92	1,791	15,687·90
9. 10·0—20·0	36,663	475,455·97	1,406	18,731·09
10. 20·0—30·0	4,585	104,464·62	259	5,974·71
11. 30·0—40·0	1,034	34,512·43	75	2,510·91
12. 40·0—50·0	338	15,210·71	30	1,311·04
13. 50·0 and above	532	54,115·03	185	40,148·61
All sizes ..	5,833,056	7,268,544·10	267,480	300,303·78

Source : Agricultural Census, 1976–77.

TABLE 4·10—*cont*.

Serial number and Size Class (Hectares).	*Individual and Joint Holdings.*		*Institutional Holdings.*	
	Number.	*Area.*	*Number.*	*Area.*
(1)	(6)	(7)	(8)	(9)
1. Below 0·5	2,624,754	648,544·77	4,562	1,043·73
2. 0·5—1·0	1,320,136	956,588·58	1,723	1,354.87
3. 1·0—2·0	1,124,208	1,584,232·95	1,532	2,195·93
4. 2·0—3·0	458,321	1,117,829·32	810	2,762·11
5. 3·0—4·0	223,487	753,583·72	468	1,620·88
6. 4·0—5·0	125,999	556,633·03	301	1,346·33
7. 5·0—7·5	128,791	776,451·57	422	3,618·76

8. 7·5—10·0	49,733	422,548·82	250	2,440·01
9. 10·0—20·0	38,069	494,187·06	435	6,020·56
10. 20·0—30·0	4,844	110,439·33	171	4,125·42
11. 30·0—40·0	1,109	37,023·34	68	2,355·12
12. 40·0—50·0	368	16,521·75	59	2,591·19
13. 50·0 and above	717	94,263·64	216	28,136·81
All sizes ..	6,100,536	7,568,847·88	11,017	59,611·81

TABLE 4·10—*cont.*

Serial number and Size Class (Hectares).	*Total Holdings.*	
	Number.	*Area.*
(1)	(10)	(11)
1. Below 0·5	2,629,316	649,588·50
2. 0·5—1·0	1,321,859	957,943·45
3. 1·0—2·0	1,125,740	1586,428·88
4. 2·0—3·0	459,131	1120,591·43
5. 3·0—4·0	223,955	755,204·60
6. 4·0—5·0	126,300	557,979·36
7. 5·0—7·5	129,213	780,070·33
8. 7·5—10·0	49,983	424,988·92

9. 10·0—20·0	38,504	500,207·62
10. 20·0—30·0	5,015	114,564·75
11. 30·0—40·0	1,177	39,378·46
12. 40·0—50·0	427	19,112·94
13. 50·0 and above	933	122,400·45
All sizes ..	6,111,553	7628,459·69

Source : Agricultural Census 1976–77.

TABLE : 4·11

AVERAGE DAILY WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS—1979-80.

CATEGORY OF LABOURERS.

Year/Month.	Field Labourers.		
	Men.	*Women.*	*Non-Adults.*
(1)	(2)	(3)	(4)
	RS.	RS.	RS.
1979—July	5·52	3·90	3·47
August	5·62	4·01	3·58
September	5·82	4·29	3·89
October	6·10	4·50	4·10
November	6·00	4·51	4·01

December	5·98	4·50	4·22
1980—January	6·00	4·50	4·19
February	6·09	4·59	4·09
March	6·08	4·59	4·12
April	5·87	4·32	3·89
May	5·39	4·20	..
June	5·64	4·36	..

TABLE 4·11—*cont.*

Year/Month.	*Tending Cattle.*		
	Men.	*Women.*	*Non-Adults.*
	(5)	(6)	(7)
	RS.	RS.	RS.
1979—July	2·64	2·10	2·56
August	2·99	2·10	2·57
September	3·28	2·10	2·58
October	3·50	2·00	2·98
November	3·55	2·00	2·86
December	4·06	2·00	2·69
1980—January	4·31	..	2·87

February	3·81	..	2·89
March	3·81	2·75	2·74
April	3·81	..	2·75
May	3·00	..	..
June	3·08	..	..

TABLE : 4·11—*cont.*

Year/Month.	*Other Agricultural Labourers.*		
	Men.	*Women.*	*Non-Adults.*
(1)	(8)	(9)	(10)
	RS.	RS.	RS.
1979— July	6·09	3·82	3·44
August	6·09	3·86	3·33
September	6·33	3·94	3·37
October	6·47	4·10	3·55
November	6·54	4·22	3.67
December	6·63	4·36	3·76
1980— January	6·64	4·41	3·81

February	6·69	4·37	3·75
March	6·58	4·15	3·53
April	6·79	4·41	3·49
May	6·68	4·30	..
June	6·97	4·42	..

Source : Commissioner of Statistics, Madras.

TABLE : 4.12.

INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS 1979–80

(Triennium ended1960=100.)

Year/Month.	*Field Labourers.*		
	Men.	*Women.*	*Non-adults.*
(1)	(2)	(3)	(4)
1975	405	391	418
1976	384	381	406
1977	395	398	439
1978	417	415	455
1979	459	473	519

1980—January	497	534	597
February	504	543	581
March	502	542	584
April	485	515	554
May	436	489	..
June	456	506	..
Triennium ended 1970=100			
July	231	250	..
August	236	253	..
September	238	252	..
October	247	266	..
November	262	281	..
December	247	271	..

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TABLE 4·12—*cont.*

Triennium ended 1960=100

Year/Month.	Tending Cattle. Men. (5)	Women. (6)	Non-adults. (7)
1975	344	345	361
1976	336	336	359
1977	333	316	361
1978	327	322	366
1979	321	296	422
1980— January	444	..	470
February	393	..	474
March	410	358	481

April	393	..	451
May	309	..	..
June	318	..	..
Triennium ended 1970=100			
July	227	..	..
August	227	..	..
September	220	..	..
October	220	..	..
November	259	..	..
December	272	..	..

TABLE : 4·12—*cont.*

Triennium ended 1960=100

Year/Month. (1)	*Other Agricultural Labourers.*		
	Men. (8)	*Women.* (9)	*Non-adults.* (10)
1975	376	338	377
1976	386	346	394
1977	398	353	420
1978	421	358	435
1979	470	420	496
1980—January	523	507	552
February	527	502	543
March	523	495	536
April	535	507	506

May	526	494	..
June	549	508	..
Trannium ended 1970=100			
July	296	299	..
August	303	305	..
September	304	320	..
October	313	336	..
November	327	363	..
December	315	335	

Note : Base year changed from July 80 onwards.

Source : Commissioner of Statistics, Madras.

TABLE : 4·13

Sowing and harvest seasons of certain crops. Fasli 1388 (1978–79)

Crops.	*District.*	*Sowing period.*	*Harvest period.*
(1)	(2)	(3)	(4)
Paddy-I	Chengalpattu ..	August-September ..	January-February
	South Arcot ..	August-September ..	January -February
	North Arcot ..	May-June-August ..	September-December January.
	Salem ..	July-August-September	September-October January.
	Dharmapuri ..	July-August	December-January
	Coimbatore ..	July-August ..	December- January
	Tiruchirappalli ..	July- August -September	November - January February.
	Pudukkottai ..	August-September October.	January-February March.

	Thanjavur	July-August	January-February.
	Madurai	September-October	January-February
	Ramanathapuram	September-October-November.	January-February-March.
	Tirunelveli	October-November	February- March
	Kanniyakumari	April-May	September
	Nilgiris	July-August	December-January
Paddy-II	Chengalpattu	January-February	April-May
	South Arcot	Do.	Do.
	North-Arcot	Do.	Do.
	Salem	September-October	February-March
	Dharmapuri	January-February	April-May
	Coimbatore	Do.	May
	Tiruchirapalli	September-October	February-March

TABLE : 4.13—*cont.*

Crops. (1)	*District.* (2)	*Sowing period.* (3)	*Harvest Period.* (4)
Paddy II—*cont.*	Pudukkottai .	January-February-March ..	May-June
	Thanjavur ..	October-November	February-March
	Madurai ..	October ..	Do.
	Ramanathapuram..	October-November ..	February-May
	Tirunelveli ..	Do. ..	February-March
	Kanniyakumari ..	September-October-November ..	Do.
	The Nilgiris ..	January-February ..	May-June
Blackgram.	South Arcot ..	November and January	March and April.
	North Arcot ..	September and October. ..	December and January.

Dharmapuri	September and October.	December and January.
Salem	Do.	Do.
Coimbatore	August to October	November to January
Tiruchirappalli	October, November and February.	January and April.
Thanjavur	January and February.	April.
Madurai	August and September.	December and January.
Ramanathapuram	October and November.	January and February.
Tirunelveli	Do.	Do.
Kanniyakumari	February and March.	May and June.

TABLE 4·13—*cont.*

Crops. (1)	*District.* (2)	*Sowing period.* (3)	*Harvest period.* (4)
Greengram	South Arcot	January	April.
	North Arcot	July and August	November and December.
	Dharmapuri	September and October.	December and January.
	Salem	Do.	Do.
	Coimbatore	August to October	January and February.
	Tiruchirappalli	September October and February.	December, January and April.
	Thanjavur	January and February.	April and May.
	Madurai	September to November.	December to February.

	Ramanathapuram	September and October.	December and January.
	Tirunelveli	October and November.	January and February.
Redgram.	Chengalpattu	July	January
	South Arcot	July and August	January and February
	North Arcot	Do.	Do.
	Dharmapuri	Do.	Do.
	Salem	Do.	Do.
	Coimbatore	Do.	Do.
	Tiruchirappalli	Do.	Do.
	Pudukkottai	Do.	Do.
	Madurai	August and September	February and March
	Ramanathapuram	Do.	Do.

TABLE 4·13—*cont.*

Crops.	*District*	*Sowing period.*	*Harvest Period.*
(1)	(2)	(3)	(4)
Cotton	South Arcot	January and February	May and June.
	Dharmapuri	October and November	March and April.
	Salem	October and February	February and May
		September and October.	January and February.
	Coimbatore	August and September	December and January
		August and October	December and March.
	Tiruchirappalli	February and December	April and May.
		October and November.	March and April.
	Madurai	August, September and October.	January, February and December.
		September and October.	January and February.
	Ramanathapuram	February, September and October.	January and May
		September and October.	February and March.
	Tirunelveli	February and March	June and July.
		October and November.	February and March

Cholam-I	North Arcot	January to March	June and July
	Salem	January, February — May.	April, May — August
	Coimbatore	January to March.	April to June.
	Tiruchirappalli	February to March	June.
	Madurai	February to March	May to June.
	Ramanathapuram	February to April	April to June.
	Tirunelveli	January, April — May	July — August and April.
Cholam Un-Irrigated.	South Arcot	July to August	December – January
	North Arcot	July to August	December.
	Salem	August and September	December.
	Dharmapuri	July	December to January
	Coimbatore	September and October.	January.
	Tiruchirappalli	August and September	January.
	Madurai	August	December and January
	Ramanathapuram	October.	January and February

TABLE 4.13—*cont.*

Crops. (1)	*District.* (2)	*Sowing period.* (3)	*Harvest period.* (4)
Cumbu Irrigated	Chengalpattu	May	August.
	South Arcot	February and March	May and June.
	North Arcot	May	August.
	Salem	March	June.
	Coimbatore	February	April.
	Tiruchirappalli	June	September.
	Madurai	March	June.
	Ramanathapuram	May and June	August and September
	Tirunelveli	May and June	August.
Cumbu Un-Irrigated.	South Arcot	June and July	September and October.
	North Arcot	August and September	December.

	Salem ..	August	November and December.
	Dharmapuri	June and July	October.
	Coimbatore	September	December and January.
	Tiruchirappalli	September	January.
	Madurai	September and October.	January.
	Ramanathapuram	October.	January.
	Tirunelveli	October and November	January and February.
Ragi Irrigated.	Chengalpattu	January-February	April-May.
	South Arcot	January	April-May.
	North Arcot	January	April.
	Salem	December	March.
	Dharmapuri	December-January	March-May.
	Coimbatore	July-August	October-November.
	Madurai	August-September	October-December

TABLE 4.13—*cont.*

Crops. (1)	*District* (2)	*Sowing period.* (3)	*Harvest period.* (4)
Ragi Irrigated—*cont.*	Ramanathapuram ..	September	December-January.
	Tirunelveli	September	December-January.
Ragi Un-irrigated.	Chengalpattu ..	October-November ..	January.
	South Arcot	October	January-February.
	North Arcot	August-September ..	November-December.
	Salem	July-August	November.
	Dharmapuri	July-August	November.
	Coimbatore	September	December.
	Tiruchirappalli ..	September-October	January.

	Pudukkottai	September	January.
	Madurai	October	January.
	Ramanathapuram ..	October-November ..	January-February.
Gingelly irrigated.	Chengalpattu ..	March-April-May ..	July-August.
	South Arcot	January-February March.	April-May-June.
	North Arcot	January-March-May ..	April-June.
	Salem	January-March ..	April-June-August.
	Dharmapuri	March-April ..	May-June-July.
	Coimbatore	January-March ..	April-May-June.
	Periyar	January-February ..	April-May.
	Tiruchirappalli ..	March-April	June-July.
	Madurai	September-December-February.	November-December-March.
	Ramanathapuram ..	December-January-March.	March-April-June.

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TABLE 4·13—*cont.*

Crops.	*District.*	*Sowing period.*	*Harvest period.*
(1)	(2)	(3)	(4)
Gingelly Un-irrigated.	South Arcot	July-August-December	October-November-March.
	North Arcot	April-May	April-July-August
	Salem	March-September ..	May-June
	Dharmapuri	March-April-May ..	July-August.
	Coimbatore	April-August-September.	July-December-January.
	Periyar	May-October ..	July-December-January.
	Tiruchirapalli ..	August-September ..	November-December January.

	Thanjavur	February-March	April-May-June.
	Madurai	September-October	December-January.
	Ramanathapuram	September-January	December-April
	Tirunelveli	January-February	March-April-May
Groundnut Irrigated.	Chengalpattu	December-January	March-April
	South Arcot	December-January	March-April
	North Arcot	December-January	March-April
	Salem	December-January-May.	August-September-April.
	Coimbatore	December-January	April-May.
	Tiruchirapalli	December-January	April-May.
	Pudukkottai	December-January-March.	April-May.
	Thanjavur	January	April-May.

TABLE 4·13—*cont.*

Crops.	*District.*	*Sowing period.*	*Harvest period.*
(1)	(2)	(3)	(4)
Groundnut Irrigated-*cont.*	Madurai	December-January-July.	November-December-April.
	Ramanathapuram	January-March	April-May-June.
Groundnut Un-irrigated.	Chengalpattu	June-July	October-November.
	South Arcot	July-August	October-November
	North Arcot	July-August	November-December.
	Salem	June-July	September-October-November.
	Dharmapuri	July-August	November-December.
	Coimbatore	April-July	August-October November.

	Tiruchirapalli	August-September	November-December.
	Pudukkottai	July-August	October-November.
	Thanjavur	July-August	October-November.
	Madurai	July-August	November-December.
	Ramanathapuram	July-September	November-December.
	Tirunelveli	September	January-February.
Sugarcane	South Arcot	April-May	April-May.
	North Arcot	January-March	February-March.
	Dharmapuri	February-March	February-March.
	Salem	December-January	January-March.
	Coimbatore	January-July	January-April.
	Tiruchirapalli	March-April	March-April
	Thanjavur	March-April	February-March.
	Madurai	March-April	February-March.
	Ramanathapuram	April-June	February-March.

Source : Commissioner of Statistics, Madras.

TABLE 4·14.

ESTIMATED AREA AND YIELD OF COCONUT—1978-79.

District.	Estimated area in hectares.	Estimated number of palms in '000'.	Percentage sampling error.	Yield of nuts in lakhs.
(1)	(2)	(3)	(4)	(5)
I) Villages reported to be growing coconut alone.—				
1 Chengalpattu	3,450	835	3·57	340
2 South Arcot	2,090	661	4·83	217
3 North Arcot	6,200	2,393	5·87	733
4 Salem	7,210	3,361	15·09	1,253
5 Dharmapuri	7,690	2,637	1·72	765
6 Coimbatore	14,510	4,946	8·94	1,692

7 Thanjavur	18,360	5,930	2·36	2,307
8 Tiruchirapalli	4,190	1,803	5·01	581
9 Pudukkottai	1,760	781	2·13	145
10 Madurai	6,240	2,637	1·54	719
11 Ramanathapuram ..	7,970	2,160	1·98	380
12 Tirunelveli	4,400	954	11·22	192
13 Kanniyakumari	17,150	3,893	10·79	1,067
Sub-Total	1,01,210	32,991	2·53	10,391
II. Villages reported to be growing neither coconut nor arecanut	8,300	2,790	..	842
STATE	1,09,510	35,781	..	11,233

Source : Commissioner of Statistics, Madras.

TABLE 4·15.

ESTIMATED AREA AND YIELD OF ARECANUT—1978–79.

District.	*Estimated area in hectares.*	*Estimated number of palms in '000'.*	*Percentage sampling error.*	*Yield of cured nuts in tonne.*
(1)	(2)	(3)	(4)	(5)
1 Salem and Dharmapuri ..	1,292	2,336	0·44	838
2 Coimbatore	1,247	2,335	0·08	834
3 Thanjavur, Tiruchirapalli, Madurai and Tirunelveli.	181	225	4·76	93

4 Kanniyakumari	1,443	2,694	1·78	1,159
STATE ..	4,163	7,590	0·66	2,924

Source : Commissioner of Statistics, Madras.

V. IRRIGATION.

TABLE 5·1.

SOURCE OF WATER-SUPPLY, 1978-79.

Serial number and district.	Canals.		Tube wells (Numbers)
	Number.	Length in Kilometre.	
(1)	(2)	(3)	(4)
1 Chengalpattu	37	374	6,104
2 South Arcot	369	4,894	22,503
3 North Arcot	748	..	54
4 Salem	122	378	6
5 Dharmapuri	246	461	23
6 Periyar .. .. .. } 7 Coimbatore .. .. }	54	1 298	..

8 The Nilgiris	..	..	..
9 Thanjavur	46	1,783	15,906
10 Tiruchirapalli	93	600	2,485
11 Pudukkottai	27	77	190
12 Madurai	203	394	235
13 Ramanathapuram	19	20	71
14 Tirunelveli	357	507	56
15 Kanniyakumari	84	741	98
State ..	2,392	11,501	47,734

TABLE 5·1.—*cont.*

Serial number and district.	*Wells.*	*Wells used for domestic purposes only.*	*Reservoirs.*	*Tanks.*
(1)	(5)	(6)	(7)	(8)
			(Numbers.)	
1 Chengalpattu	80,949	56,194	1	3,653
South Arcot	1,60,465	52,070	4	2,677
3 North Arcot	2,87,307	77,377	1	3,189
4 Salem	2,13,034	52,384	1	822
5 Dharmapuri	98,732	17,947	2	2,111
6 Periyar .. .. .. } 7 Coimbatore .. .. }	1,72,218	24,971	6	119

8 The Nilgiris	70	207	..	4
9 Thanjavur	36,442	72,402	..	~~5,022~~ 429
10 Tiruchirapalli	1,54,192	19,047	1	2,382
11 Pudukkottai	47,365	14,274	..	5,265
12 Madurai	1,46,421	12,375	6	5,022
13 Ramanathapuram	76,981	37,086	2	7,196
14 Tirunelveli	1,10,487	24,809	5	2,795
15 Kanniyakumari	609	12,310	5	2,633
State ..	15,85,272	4,73,453	34	38,297

Source : Commissioner of Statistics, Madras.

TABLE 5·2.

NET AREA IRRIGATED BY SOURCES, 1978–79.

(Area in Hectares)

Sources.	1975–76.	1976–77.	1977–78.	1978–79.
(1)	(2)	(3)	(4)	(5)
1 Government Canals ..	909,860	676,249	924,941	919,059
2 Private Canals	581	575	662	741
3 Tanks	749,828	799,979	909,940	841,851
4 Wells (including tube wells).	869,593	824,653	958,308	1,069,017

5 Other Sources	35,258	28,143	41,801	42,523
TOTAL ..	2,565,120	2,329,581	2,835,652	2,873,191

Source : Commissioner of Statistics, Madras.

TABLE 5·3.

AREA SOWN AND IRRIGATED BY DISTRICTS, 1978–79.

(Area in Hectares)

District.	Net area irrigated.	Net area sown.	Percentage of column (2) to (3)
(1)	(2)	(3)	(4)
1 Chengalpattu	2,59,770	3,45,225	75·2
2 South Arcot	3,53,636	5,83,694	60·6
3 North Arcot	2,55,590	5,31,352	48·1
4 Salem	1,27,763	4,34,308	29·4
5 Dharmapuri	77,406	4,44,531	17·4
6 Periyar 7 Coimbatore	3,08,792	7,26,617	42·5

8 The Nilgiris	3,683	58,482	6.3
9 Thanjavur	482,716	555,661	86·9
10 Tiruchirapalli	206,818	607,852	34·0
11 Pudukkottai	106,049	207,255	51·2
12 Madurai	241,158	585,500	41·2
13 Ramanathapuram	243,049	621,242	39·1
14 Tirunelveli	177,776	467,617	38·0
15 Kanniyakumari	29,055	81,497	35.7
STATE	2,873,191	6,250,833	46.0

TABLE 5·3—*cont.*

(Area in Hectares.)

District.	*Gross area irrigated.*	*Gross area sown.*	*Percentage of column (5) to (6)*
(1)	(5)	(6)	(7)
1 Chengalpattu	386,250	493,121	78·3
2 South Arcot	451,856	750,694	60·2
3 North Arcot	400,856	690,988	58.0
4 Salem	181,656	519,306	35·0
5 Dharmapuri	98,438	508,015	19·4
6 Periyar .. } 7 Coimbatore }	416,954	865,887	48·2
8 The Nilgiris	3,683	61,047	6·0

9 Thanjavur	614,478	895,085	68·6
10 Tiruchirapalli	264,985	685,844	38·6
11 Pudukkottai	120,091	226,970	52·9
12 Madurai	308,167	667,103	46·2
13 Ramanathapuram	268,320	650,558	41.2
14 Tirunelveli	252,654	564,275	44·8
15 Kanniyakumari	50,177	105,337	47·6
STATE ..	3,818,565	7,684,230	49·7

Source : Commissioner of Statistics, Madras.

TABLE 5·4.

AREA IRRIGATED BY PRINCIPAL CROPS.

('000 Hectares.)

Crops. (1)	1976–77. (2)	1977–78. (3)	1978–79. (4)
1 Paddy	2,018	2,580	2,556
2 Cholam	108	107	109
3 Cumbu	54	60	74
4 Ragi	123	130	170
5 Sugarcane	154	167	154
6 Cotton	89	147	164
7 Groundnut	144	198	251
8 Other crops.	311	334	334
Total ..	3,001	3,723	3,819

Source : Commissioner of Statistics, Madras.

TABLE 5.5.

WATER LEVELS IN RESERVOIRS, 1979–80.

Serial number and name of reservoir.	*District benefited.*	*Full reservoir depth. (in metres.)*	*Highest level.*	
			Metres.	*Date.*
(1)	(2)	(3)	(4)	(5)
1 Mettur	Salem, Coimbatore, Tiruchirapalli, Thanjavur, Pudukkottai and South Arcot.	36·58	36·58	6–12–1979
2 Bhavanisagar ..	Coimbatore and Tiruchirapalli.	32·00	31·94	11–12–1979 to 13–12–1979
3 Amaravathy ..	Coimbatore and Tiruchirapalli.	33·53	33·53	18–12–1979
4 Sathanur	North Arcot and South Arcot.	36·27	36·27	31–12–1979

TABLE 5.5—*cont*.

Serial number and name of reservoir.	*Districts benefited.*	*Full reservoir depth in metres.*	*Highest level.*	
			Metres.	*Date.*
(1)	(2)	(3)	(4)	(5)
5 Manimuthar ..	Tirunelveli	35·97	35·76	14– 1–1980 to 17– 1–1980
6 Papanasam ..	Tirunelveli	45·11	44·73	2– 1–1980 to 4– 1–1980
7 Poondi	Madras City (Water Supply.)	10·06	10·06	27–12–1979 to 11– 1–1980
8 Krishnagiri ..	Dharmapuri	15·85	15·85	18–12–1979 to 27–12–1979

9 Vidur	South Arcot and Pondicherry (State).	9·75	9·60	28-11-1979 to 30-12-1979
10 Gomukhi	South Arcot	14·02	14·02	4-12-1979 to 29-12-1979
11 Manimukthanadhi.	South Arcot	10·97	10·97	12-12-1979 to 21-12-1979
12 Willington	South Arcot	8·60	8·60	13-12-1979
13 Periyar	Madurai	14·63	12·05	14—11-1979
14 Vaigai	Madurai and Ramanathapuram.	21·64	21·64	18-12-1979 to 20-12-1979
15 Manjalar	Madurai	17·37	17·37	3-12-1979 to 20-12-1979
16 Pechiparai	Kanniyakumari and Tirunelveli.	14·03	13·93	1-3-1980
17 Perunchani	Do.	23·47	21·03	7-12-1979 and 8-12-1979
18 Chittar Dam I	Do.	19·20	17·61	19-11-1979
19 Chittar Dam II	Do.	17·98	16·67	19-11-1979

TABLE 5·5 –*cont*.

Serial number and name of reservoir.	*Lowest level.*	
	Metres.	*Date.*
(1)	(6)	(7)
1 Mettur	15·71	2–8–1979
2 Bhavanisagar ..	24.90	19–5–1980
3 Amaravathy ..	17·37	4–4–1980 to 6–4–1980
4 Sathanur	18·90	30–5–1980
5 Manimuthar ..	16·70	16–7–1979

6 Papanasam ..	6·71	1– 5–1980
7 Poondi	5·23	24–10–1979 and 25–10–1979
8 Krishnagiri ..	8·75	10– 5–1980 and 11– 5–1980
9 Vidur	2·54	27– 8–1979
10 Gomukhi . .	2·13	10- 5-1980
11 Manimukthanadhi.	5·32	24– 8–1979 to 28– 8–1979
12 Willington . .	1·07	24–8–1979
13 Periyar	2·00	8– 4–1980
14 Vaigai	6·44	8–10-1979
15 Manjalar . ..	9·46	28– 8-1979

TABLE 5.5—*cont.*

Serial number and name of reservoir.	*Lowest level.*	
	Metres.	*Date.*
(1)	(6)	(7)
16 Pechiparai	2·64	1–4–1980 & 2–4–1980
17 Perunchani	3·05	26–2–1980 to 29–2–1980
18 Chittar Dam I	14·28	29–2–1980
19 Chittar Dam II	13·43	1–4–1980 to 6–4–1980

Source : Chief Engineer (Irrigation), Madras.

VI. LIVESTOCK AND ANIMAL HUSBANDRY.

TABLE 6·1.

LIVESTOCK AND POULTRY POPULATION, 1977.

Classification. (1)	*Number.* (2)
1. Cattle—	
(*a*) Males over 3 years—	
(i) Used for breeding	56,945
(ii) Used for breeding and work	394,840
(iii) Used for work	3,980,636
(iv) Others (Stray and scrub cattle kept for manure purpose) ..	211,261
Total ..	4,643,682

TABLE 6.1—*cont.*

Classification. (1)	*Number.* (2)
(*b*) Females over 3 years—	
(i) Breeding—	
In milk	1,359,820
Dry	1,267,977
Not calved even once	368,995
(ii) Used for work	608,292
(iii) Others (Stray and scrub cattle kept for manure purpose)	192,501
Total	3,797,585

(*c*) Young stock	2,359,852
Cattle Total	10,801,119
2. Buffaloes—	
(*a*) He-Baffaloes over three years—	
(i) Used for Breeding	29,829
(ii) Used for breeding and work	67,009
(iii) Used for work	2,48,318
(iv) Others	38,749
Total ..	3,83,905
(*b*) She-buffaloes over three years—	
(i) Breeding —	
In Milk	8,50,761
Dry	5,44,691

TABLE 6.1—*cont.*

Classification. (1)	*Number.* (2)
Not claved even once	1,36,998
(ii) Used for work	62,632
(iii) Others	41,595
Total	16,36,677
(*c*) Young stock	10,57,096
Total Buffaloes	30,77,678
3. Sheep	52,89,242
4. Goats	42,02,093

5. Horses and Ponies	10,880
6. Pigs	6,78,123
7. Camels	14
8. Mules	556
9. Donkeys	86,543
Total Livestock	2,41,46,248
Total Poultry	1,43,47,195

Source : Twelth Livestock Census, 1977.

TABLE 6·2.

VETERINARY INSTITUTIONS AND ANIMALS TREATED, 1979-80.

District/State	*Type of Veterinary Institutions.*				Animals Treated.
	Veterinary Hospital.	Veterinary Hospital-cum-key-village centre.	Veterinary Dispensaries.	Veterinary Dispensary-cum-key-village centre.	
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras ..	..	..	1	..	86,812
2 Chengalpattu	2	1	25	18	6,82,361
3. South Arcot	2	I	48	3	5,41,695
4. North Arcot	6	..	51	2	5,86,504
5 Salem ..	2	..	52	2	5,98,468
6 Dharmapuri	..	..	19	7	2,62,003

7 Periyar ..	2	2	23	15	2,37,376
8 Coimbatore	4	2	15	18	5,60,093
9 The Nilgiris	2	..	4	..	72,375
10 Thanjavur ..	5	..	62	1	6,30,915
11 Tiruchirapalli.	2	..	48	..	5,47,845
12 Pudukkottai	1	..	15	..	99,302
13 Madurai ..	4	..	55	6	6,18,391
14 Ramanatha-puram.	3	..	46	4	3,05,388
15 Tirunelveli ..	6	..	44	1	4,81,127
16 Kanniyakumari	3	..	14	..	1,91,905
Total ..	44	6	522	77	65,02,560

Source : Director of Animal Husbandry, Madras.

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TABLE 6·3.

ANIMAL HUSBANDRY, 1979–80.

Cattle Development—	
1 Livestock Farms	8
2 Sub-Centres	2,096
3 Goshala Development Centres	..
4 Exotic Jercy Cattle Breeding Farm	1
Sheep Development—	
1 Sheep Farms	2
2 Sheep Units attached to farms	4
Poultry Development—	
1 Poultry Extension Centres	29
2 Hatcheries	2

Piggery Development—	
1 Piggery units	6
2 Pore clubs	..
Health Services—	
1 Clinical Laboratories	13
2 Rinderpest Checkposts	13
3 Rinderpest Vigilance units	10
4 Rinderpest squads	14
5 Mobile units	6

Source : Director of Animal Husbandry, Madras.

TABLE 6·4.

DAIRY DEVELOPMENT, 1978–79.

1. Main Dairies	Madhavaram, Ambattur, Madurai
2. Feeder Dairies	Erode, Vellore.
3. Co-operative Dairies	Coimbatore, Uthagamandalam Chidambaram, Kanniyakumari, Tiruchirapalli, Thanjavur and Kodaikanal.
4. Milk Chilling Plants	22
5. Average Milk Collection per day—	
By T.N.D.D.C. only—	
(*a*) Flush Season	3·1 lakh Litres/day.
(*b*) Lean season	2·3 lakh Litres/day.
6. Quantity marketed by T.N.D.D.C. only—	
(*a*) Milk	3·10 lakh litres/day.

(*b*) Butter	631	tonnes/annum.
(*c*) Ghee	539·3	tonnes/annum.
(*d*) Khoa	36·6	tonnes/annum.
(*e*) Flavoured Milk	8·1	lakh litres/annum.

7. Marketing—Managed by T.N.D.D.C. at Madurai and Madras—

Milk Booth	625 Nos.	
Milk Parlours	132 Nos.	
Automatic Vending Units	12	

8. Procurement of Milk by T.N.D.D.C. at Madurai and Madras.

[Raw Milk/] Per annum .. .. .. ~~697~~ [981.5] lakh litres.

Source : Managing Director, Tamil Nadu Dairy Development Corporation, Madras.

TABLE—6·5

POULTRY DEVELOPMENT 1979–80.

I. *Marketing*—

Location of Units—

1. Madras.
2. Chengalpattu.
3. Vellore.
4. Salem.
5. Coimbatore.
6. Tiruchirapalli.
7. Madurai.
8. Tirunelveli.

No. of Eggs sold—2,29,29,371 (Nos.).
Quantity of meat sold—1,70,033·550 (Kgs.).

II. *Feed Mixing Unit*—

Location of units—

1. Nandanam (Madras district).
2. Tiruppur (Coimbatore district).
3. Kottapattu (Tiruchirapalli district).
4. Kappalur (Madurai district).

Total feed production ..	7,607·076 (M.T.)
Total feed sold	7,568·886 (M.T.)

III. *Hatchery*—

1. Arasur (Coimbatore district)

2. Kappalur (Madurai district)

IV. *Chicks production (Number)*—

1. Arasur .. 4,80,479

2. Kappalur 1,41,683

V. *Poultry Extension Centre and Tapco Grower Farm*—

1. Adayar (Madras district)

2. Chengalpattu (Chengalpattu district)

3. Seshanchavadi (Salem district)

4. Perundurai (Coimbatore district)

5. Kottapattu (Tiruchirapalli district)

6. Kallupatti (Madurai district)

VI. *Sales*—

1. Birds sold for breeding (Number)—1,24,381

2. Birds sold for table (Number)—27,784

Source : Tamil Nadu Poultry Development Corporation, Madras.

VII. FISHERIES

TABLE 7·1

FISHERIES DEVELOPMENT, 1979–80

1. *Area*—

Total Coast line of the State .. 1,000 Kms

Total Inland Water spread area .. 3·69 lakh hectares.

Marine fishing villages 402

2. *Fish production* :

Item.	*Quantity* (TONNES).	*Value.* (RUPEES IN LAKHS).
Marine	216,689	3,145·33
Inland	160,000(P)	1,540·00(P)

3. *Fisheries Development* :—

1. Freezing plants	32
2. Ice plants, cold storages and walk-in-coolers.	36
3. Sea food manufacturing units in private sector.	35
4. Fisheries Training Centres—	
Marine	6
Inland	..

5. Mechanised boats supplied to fishermen 147

6. Fishing bigger vessels 4

7. Active marine fishermen .. .. 80,035 (As per the Department census in 1978).

4. *Exports*—

Item.	*Quantity.* (TONNES).	*Value.* (RUPEES IN LAKHS.)
Fish and Fish products ..	8,294	2,983·27

Source : Director of Fisheries, Madras.

TABLE 7·2

MARINE FISH PRODUCTION BY DISTRICTS, 1979–80.

District.	*Production.* (TONNES).
Madras	14,923
Chengalpattu	13,859
South Arcot	10,830
Thanjavur	59,165
Pudukkottai	6,602
Ramanathapuram	35,377
Tirunelveli	26,853
Kanniyakumari	49,080
STATE ..	216,689

Source : Director of Fisheries, Madras.

VIII. FOREST.

VIII. FOREST

TABLE 8·1

AREA UNDER FORESTS BY DISTRICTS, 1978–79

Serial number and district.	Area under forest in hectares.			
	Reserved Forest.	*Reserved lands.*	*Unclassed.*	*Total.*
(1)	(2)	(3)	(4)	(5)
1 Madras	270	..	..	270
2 Chengalpattu	29,833	14,274	..	44,107
3 South Arcot	62,443	82,001	..	1,44,444
4 North Arcot	3,06,407	3,606	..	3,10,015
5 Salem	1,48,359	19,065	..	1,67,424
6 Dharmapuri	2,60,032	44,591	..	3,04,623

7 Coimbatore	1,53,107	44	8,025	1,61,176
8 Periyar	2,33,304	920	..	2,34,224
9 Tiruchirapalli	71,547	3,789	..	75,336
10 Pudukkottai	..	21,160	..	21,160
11 Thanjavur	13,939	2,256	..	16,195
12 Madurai	2,00,566	94,033	9,698	3,04,297
13 Ramanathapuram ..	18,755	29,130	127	48,012
14 Tirunelveli	95,921	36,977	6,203	1,39,101
15 Kanniyakumari	45,036	4,003	..	49,039
16 Uthagamandalam	1,30,100	4,394	19,809	1,54,303
STATE ..	17,69,621	3,60,243	43,862	21,73,726

TABLE 8·1—*cont.*

Serial number and district.	*Per Capita.*		*Percentage of forest area to land area.*
	Forest area.	*Land area.*	
(1)	(6)	(7)	(8)
1 Madras	N	N	2·11
2 Chengalpattu	0·01	0·22	5·57
3 South Arcot	0·03	0·26	13·25
4 North Arcot	0·07	0·28	25·28
5 Salem	0·05	0·24	19·37
6 Dharmapuri	0·15	0·46	31·59

7 Coimbatore	0·05	0·24	21·68
8 Periyar	0·11	0·39	28·43
9 Tiruchirappalli	0·02	0·30	6·78
10 Pudukkottai	0·02	0·42	4·55
11 Thanjavur	N	0·20	1·96
12 Madurai	0·07	0·27	24·10
13 Ramanathapuram	0·01	0·37	3·82
14 Tirunelveli	0·04	0·31	12·17
15 Kanniyakumari	0·03	0·11	29·12
16 Uthagamandalam	0·25	0·41	60·53
STATE ..	0·04	0·27	16·71

Source : Chief Conservator of Forests, Madras.

TABLE 8·2.

OUTTURN OF FOREST PRODUCE—1978–79.

Serial number and product.	Outturn.		
	Department.	Corporation.	Total.
(1)	(2)	(3)	(4)
A. *Major products*—			
1. Timber (cu.m.)	21,219	..	21,219
2. Pulp wood (cu.m.) ..	1,34,713	41,093	1,75,806
3 Fuelwood (cu.m.) ..	1,11,728	29,062	1,40,790
4. Sandal wood (Tonnes) ..	4,693	..	4,693
B. *Minor products*—			
1. Bamboo (Tonnes) ..	48,351(*)	..	48,351(*)
2. Grazing (No.)	9,45,094	..	9,45,094

3 Rubber (Tonnes)	1,781	..	1,781
4 Tea (Green Leaves) Kgs. ..	119	1,270	1,389
5 Cashew (Tonnes)	158	1,289	1,447
6 Grass Other than Fodder (Tonnes).	2,134	..	2,134
7 Ivory (Kgs).	126	..	126
8 Honey (Kgs).	3,022	..	3,022
9 Myrobalan (Tonnes) ..	90	..	90
10 Wattle Bark (Tonnes) ..	9,824	..	9,824
11 Others	..	..	..

TABLE 8·2—*cont.*

Serial number and product.	Value Rs. in '000'		
	Department.	*Corporation.*	*Total.*
(1)	(5)	(6)	(7)
A. *Major Products*—			
1. Timber (cu.m.)	37,112(*)	..	37,112*
2. Pulp wood (cu.m.) ..	8,237(*)	3,020(*)	11,257*
3. Fuel wood (cu.m.) ..	9,385(*)	2,430(*)	11,815*
4. Sandal wood (Tonnes) ..	80,600(*)	..	80,600*
B. *Minor Products*—			
1. Bomboo (Tonnes) ..	2,773	..	2,773
2. Grazing (No.)	1,406	165	1,571

3. Rubber (Tonnes) ..	15,014(*)	..	15,014*
4. Tea (Green Leaves) Kgs.	108	14,128	14,236
5. Cashew (Tonnes) ..	788(*)	7,128	7,916
6. Grass Other than Fodder (Tonnes).	13	..	13
7. Ivory (Kgs.)	149(*)	..	149*
8. Honey (Kgs).	30(*)	..	30*
9. Myrobalan (Tonnes) ..	180(*)	..	180
10. Wattle Bark (Tonnes) ..	3,438(*)	..	3,438*
11. Others	2,517	79	2,596

Source : Chief Conservator of Forests, Madras.

TABLE 8·3.

FOREST BASED INDUSTRIES—1978–79.

Serial number and industry.	*Units.*	*Forest products utilised.*
(1)	(2)	(3)
1 Paper and Board excluding hand paper units.	3	(i) Bamboo.
		(ii) Eucalyptus hybrid.
		(iii) Etareeds.
		(iv) Grass.
2. Rayon and staple fibre	1	(i) Blue gum.
		(ii) Wattle.
		(iii) Eucalyptus grandis.
3. Wattle extracts	1	Wattle bark.
4 Eucalyptus Oil (Government unit)	1	Eucalyptus leaves.

5	Sandalwood oil	1	Sandalwood.
6	Lac and Lac products	1	Lac.
7	Chip Boards	1	Thanakku.

Source : Chief Conservator of Forest, Madras and Director of Cinchona Department, Udhagamandalam.

TABLE No. 8.4.

WILD LIFE SANCTUARIES 1978–79.

Number.	*Name of the Sanctuary.*	*Area in hectares.*	*Year of formation.*
(1)	(2)	(3)	(4)
1	Mudumalai	32,116	1940
2	Mundanthurai	56,700	1962
3	Vedanthangal	29	1962
4	Point Calimere	1,729	1967
5	Guindy Park (National Park)	271	1959
6	Anamalai Wildlife Sanctuary	95,800	1972
7	Kalakad Wildlife Sanctuary	22,358	1976

8	Vettangudi	N.A	1977
	Total extent	1,09,003	
	Percentage to forest area	9.61	

SOURCE : Chief Conservator of Forests, Madras.

IX. ELECTRICITY

TABLE 9.1.

INSTALLED CAPACITY, GENERATION AND CONSUMPTION OF ELECTRICITY, 1979–80.

Name of the power station.	*Year of operation.*	*Installed capacity as on* 31-3-80 *M.W.*	*Generation in million units in* 1979–80	*Station consumption in million units in* 1979–80	*Net Units sent out in million units in* 1979–80
(1)	(2)	(3)	(4)	(5)	(6)
1 Pykara	47th	70	494·77	1.08	493·69
2 Moyar	28th	36	206·75	0.53	206·22
3 Mettur	43rd	40	107·04	1.39	105·65
4 Mettur Tunnel	15th	200	605·58	1.30	604·28
5 Papanasam	36th ..	28	135·83	0.60	135·23

6 Periyar	22nd	140	484·22	1·84	482·38
7 Kundah-1..	20th	60	377·85	0.74	377·11
8 Kundah-2..	20th	175	1,042·72	0.81	1,041·91
9 Kundah-3..	15th	180	623·46	2·64	620·82
10 Kundah-4	14th	100	247·22	0·28	246·94
11 Kundah-5	16th	20	102·69	0.30	102·39
12 Sarkarpathy	14th	30	114·66	0.10	114·56
13 Aliyar	11th	60	205·12	0.48	204·64
14 Sholayar-1	9th	70	272·23	0.73	271·50
15 Sholayar-2	10th	25	58·74	0.19	58·55
16 Kodayar-1	10th	60	250·80	0.96	249·84
17 Kodayar-2	9th	40	97·80	0.36	97·44
18. Suriliyar	2nd	35	105·47	0.39	105·08
Total Hydro		1,369	5,532·95	14·72	5,518·23

TABLE 9.1—*cont.*

Name of the Powerstation.	*Year of operation.*	*Installed capacity as on 31-3-80 M.W.*	*Generation in million units in 1979–80.*	*Station consumption in million units in 1979–80.*	*Net Units sent out in million units in 1979–80.*
(1)	(2)	(3)	(4)	(5)	(6)
THERMAL					
1 M.E.S. (Gen.)	28th	90	321·82	48·90	272·92
2 Ennore	11th	450	1,547·83	225·59	1,322·24
3 Tuticorin		210	170·79	22·91	147·88
Total Thermal		750	2,040·44	297·40	1,743·04
Board's total Hydro and Thermal ..		2,119	7,573·39	312·12	7,261·27

Power purchased from Neyveli	1,768·67
Power purchased from Karnataka	96·49
Power purchased from Kerala	881·83
Power purchased from Andhra	83·22
power purchased from Madras Refinaries	10·74
Total Power purchased	2,840·95
Grand total	10,102·22

POWER SUPPLY TO OTHER STATES.—

Karnataka	97·50
Pondy	124·67
Andhra	64·16
Total export	286·33
Net Tamil Nadu Electricity Board Consumption	9,815·89

CONSUMPTION DURING 1979–80.

Description.	*M. Units.*
Agriculture	2,177·032
Industrial	3,809.558
Commercial	605·064
Domestic	724·787
Others	529·170
Exports and Sales to other States	301·188
Total	8,146·799

PER CAPITA CONSUMPTION.

Year.	1977–78	1978–79	1979–80
Units	162	182	~~215~~ 182

POWER DEMAND

Year.	1977–78	1978–79	1979–80
MW	1,641	1,779	1,710

Source: Chief Engineer (General), Tamil Nadu Electricity Board, Madras.

TABLE 9.2.

TRANSMISSION AND DISTRIBUTION AS ON 31ST MARCH 1980.

Length of EHT and HT Lines	77,126	km.
Length of L.T. lines	249,226	km.
Distribution transformers	48,595	Nos.
E. H. T. Sub-Station	192	
H. T. Sub Stations	163	

Source : Chief Engineer (General), Tamil Nadu Electricity Board, Madras.

TABLE 9.3

RURAL ELECTRIFICATION, 1979–80.

Serial number.	District/State.	Number of towns, villages and hamlets electrified		Number of pumpsets energised	
		During the year. 1979–80.	Up to the end of the year i.e. as on 31-3-80.	During the year 1979–80.	Up to the end of the year i.e. as on 31—3—80.
(1)	(2)	(3)	(4)	(5)	(6)
1	Madras	..	1	..	..
2	Chengalpattu	..	4,297	1,936	71,105
3	North Arcot	..	4,116	6,045	153,794
4	South Arcot	4	4,099	4,324	91,999
5	Tiruchirapalli	5	5,101	5,307	67,099

TABLE 9.3 —*cont.*

Serial number.	District/State.	Number of towns, villages and hamlets electrified		Number of pumpsets energised.	
		During the year. 1979–80.	Up to the end of the year i.e. as on 31–3–80.	During the year 1979–80.	Up to the end of the year i.e. as on 31–3–80.
(1)	(2)	(3)	(4)	(5)	(6)
6	Thanjavur	6	5,661	1,384	17,235
7	Pudukkottai	1	3,099	2,100	13,021
8	Madurai	..	5,781	6,853	92,790
9	Ramanathapuram	..	6,479	1,397	40,488
10	Tirunelveli	..	4,743	3,005	55,549
11	Kanniyakumari	1	2,561	269	1,617

12 Salem	14	5,059	4,961	99,034
13 Dharmapuri	2	4,543	4,647	38,081
14 Coimbatore	..	7,008	4,418	1,45,075
15. The Nilgiris	..	880	24	340
Total	33	63,428	46,670	8,87 227

Source : Chief Engineer (General), Tamil Nadu Electricity Board, Madras.

X. INDUSTRIES.

TABLE 10.1.

RESULTS OF ANNUAL SURVEY OF INDUSTRIES 1977–78.

Characteristics.	*Units.*	*Results for all industries.*
(1)	(2)	(3)
Number of Factories	Numbers	8,473
Fixed Capital	Rs. in lakhs	1,45,861
Working capital	Do.	65,740
Productive Capital	Do.	2,11,601
Invested Capital	Do.	2,35,341
Outstanding loan	Do.	1,55,235
Man-days worked	Number	2,124
All workers	Do.	5,64,534

All Employees	Do.	7,03,615
Wages to workers	Rs. in lakhs	23,554
Emoluments to Employees	Do.	38,051
Fuels consumed	Do.	20,725
Materials consumed	Do.	2,53,739
Other input	Do.	41,800
Total input	Do.	3,16,264
Product	Do.	3,71,860
Other output	Do.	38,435
Total output	Do.	4,10,295
Depreciation	Do.	12,517
Value Added	Do.	81,514
Factor Payment	Do.	16,147
Net Income	Do.	65,367

Source: Commissioner of Statistics, Madras.

TABLE 10.2.

ESTIMATES OF OUTPUT AND VALUE ADDED BY MANUFACTURE BY INDUSTRIES BASED ON ANNUAL SURVEY OF INDUSTRIES 1977-78.

N.I.C. code group.	*Industry.*	*Value of output.*	*Value Added by manufacture.*
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS)	
20-21	Manufacture of Food Products	46,896	6,654
22.	Manufacture of Beverages Tobacco and Tobacco Products	4,652	663
23.	Manufacture of Cotton Textiles	69,693	12,860
24.	Manufacture of wool, silk and synthetic fibre textiles	6,389	1,104
25.	Manufacture of Jute, hemp and Mesta Textiles	13	6

26.	Manufacture of textile products (including weaving apparel other then footwear)	4,801	627
27.	Manufacture of wood and wood products, furniture and fixtures	838	214
28.	Manufacture of Paper Products, printing, publishing and allied industries	10,675	3,537
29.	Manufacture of Leather and Leather and fur products (except-repair)	16,752	1,685
30.	Manufacture of Rubber, Plastic, Petroleum and coal products	63,737	6,013
31.	Manufacture of Chemical and chemical products (except products of petroleum coal)	44,355	6,827
32.	Manufacture of Non-Metalic mineral products ..	14,088	2,852
33.	Basic Metal and Alloy industries	14,440	2,152
34.	Manufacture of Metal Products and parts except Machinery and Transport Equipments	6,200	1,496
35.	Manufacture of Machinery, Machine tools and parts except electrical machinery	37,567	12,273

TABLE 10.2— *cont.*

N.I.C. Code group.	*Industry.*	*Value of output.*	*Value added by manufacture.*
(1)	(2)	(3)	(4)
36.	Manufacture of Electrical Machinery. Apparatus, Appliances and supplies and parts	10,160	2,901
37.	Manufacture of Transport Equipments and parts ..	27,637	8,115
38.	Other Manufacturing Industries	1,669	411
40.	Electricity	22,887	8,961
41.	Gas and Steam	15	4
42.	Water works and Supply	201	85

91.	Sanitary Services	42	11
95.	Recreational and cultural Services	174	104
96.	Personal Services	54	25
97.	Repair Services	6,364	1,934
	STATE	4,10,295	81,514

Source : Commissioner of Statistics, Madras.

TABLE 10.3.

INDUSTRIAL PRODUCTION—1979.
(REVISED)

Serial number and name of the product.	Unit.	Production during '79.
(1)	(2)	(3)
MINING.		
1 Lignite	Tonne.	30,50,387
2 Bauxite	Do.	81,562
3 Limestone	Do.	45,036,78
4 Magnesite	Do.	2,49,295
5 Gypsum	Do.	45,233
MANUFACTURING.		
6 Sugar (Refined)	Do.	4,70,252
7 Hydrogenated oil (Vanaspathy)	Do.	17,619

8	Refined oil	Do.	3,010
9	Tea (Processed)	Do.	77,620
10	Coffee (Cured)	Do.	9,726
11	Cotton yarn	Do.	1,88,520
12	Cotton Woven Piece Goods	'000' Meters	1,450,97
13	Printing Paper	Tonnes	29,811
14	Tyres (all types)	Number	54,45,370
15	Tubes (all types)	Do.	34,99,797
16	Superior Kerosene	Tonne	3,34,218
17	Highspeed Diesel oil	Do.	6,03,701
18	Ammonia	Do.	4,59,153
19	Caustic Soda	Do.	90,121
20	Urea	Do.	7,23,611
21	Super Phosphate	Do.	1,58,437

TABLE 10.3—*cont.*

Serial number and name of the product. (1)	*Unit.* (2)	*Production during '79* (3
22 Mixed Fertilizer	Tonne.	7,71,505
23 Pesticides	Do.	23,592
24 Paints and Enamels	Kg.	57,74,835
25 Varnishes	Litre	2,55,949
26 Safety Matches	Gross Boxes	8,49,34,897
27 Refractories	Tonnes	1,27,706
28 Cement	Do.	34,06,883
29 Asbestos Cement Products	Do.	75,919
30 Coated Abrasives	Reams	97,098
31 Bonded Abrasives	Tonnes	4,188

32 Iron and Steel (Metal)	Do.	1,16,075
33 Castings (Iron and Steel)	Do.	51,309
34 Non-Ferrous (Metal)	Do.	25,847
35 Metal containers, caps and Closures	Do.	11,044
36 Tractors	Numbers	4,975
37 Earth Moving Machinery	Do.	343
38 High Pressure Boilers and Fittings	Tonne	88,525
39 Diesel Engines	Numbers	55,710
40 Frames	Do.	1,376
41 Power Driven Pumps	Do.	1,92,154
42 Typewriters	Do.	34 260
43 Transformers	K.V.A.	6,05,617

TABLE 10·3—*cont.*

Serial number aud name of the product. (1)	*Unit.* (2)	*Production during '79* (3)
44 Electric Motors	Numbers	1,72,459
45 Dry Cells	Do.	12,42,43,046
46 Railway Coaches	Do.	715
47 Railway Wagons	Do.	707
48 Completed Motor Vehicles	Do.	2,480
49 Motor Vehicles Chassis	Do.	12,194
50 Body Buildings	Do.	1,817
51 Motor Cycles	Do.	20,433

52 Bi-cycles	Do.	3,94,418
53 Synthetic Gemstones	Kilograms ..	24,452
ELECTRICITY.		
54 Electricity Generated	Million K.W.H.	9,386,219

(*Source* : Commissioner of Statistics, Madras.)

TABLE 10·4.

PRODUCTION AND VALUE OF MINERALS IN TAMIL NADU—1979 (P).

Minerals.	*District.*	*Quantity (tonnes.)*	*Value (Rupees in '000').*
(1)	(2)	(3)	(4)
Barytes	Madurai	1,125	73
	North Arcot	680	68
Bauxite (1)	Salem	81,463	2,851
Clay (Others)	Chengalpattu ..	763	5
	South Arcot	2,800	20

	Tiruchirappalli ..	3,676	26
Felspar	Coimbatore	1,965	39
	Tiruchirappalli ..	3,216	80
Fireclay (1)	South Arcot	17,246	163
	Tiruchirappalli ..	16,464	123
	Chengalpattu ..	..	..
Garnet (Abrasive)	Kanniyakumari ..	5,344	714
Gypsum	Coimbatore	41,892	1,536
	Tiruchirappalli ..	10,713	515
	Tirunelveli ..	..	..

TABLE 10 4—*cont.*

Minerals.	*District.*	*Quantity (tonnes).*	*Value (Rs in '000')*
(1)	(2)	(3)	(4)
Kaoline (Total)	South Arcot .. .	3,720	556
.. .. ..	Tiruchirappalli ..	845	8
Lignite ('000' tonnes) .. .	South Arcot . .	3,050	250,095
Vermiculite	North Arcot	459	151

Limestone	Coimbatore	541,477	11,400
	Dharmapuri .. .	200	3
	Madurai	525,104	5,562
	Ramanathapuram ..	854,058	21,494
	Salem	879,469	24,990
	Tiruchirappalli ..	1,020,209	15,625
	Tirunelveli	753,150	16,700
Limeshell	Chengalpattu ..	1,727	104

TABLE 10·4—*cont.*

Minerals.	*District.*	*Quantity.* (*tonnes*).	*Value.* (*Rs in*, 000).
(1)	(2)	(3)	(4)
Sulphur (2)	Chengalpattu	3,665	3,480
Quartz	Coimbatore	2,545	38
	Tiruchirappalli	3,589	48
Magnesite	Salem	272,999	40,672

Mica (Crude)	Nilgiris	10	22

Note. (1)—Excludes the output, if any recovered incidental to coal mining.

Note. (2)—Source obtained as by-product from Sour-Gas from Madras Refineries Limited, Madras.

Source : Controller, Indian Bureau of Mines, Nagpur.

TABLE 10.5.

PRODUCTION OF HANDLOOM CLOTH, 1979–80.

Variety of cloth. (1)		Production. (000 metres). (2)
COTTON—	1 Dhoties	84,686
	2 Sarees	1,27,350
	3 Towels	1,34,993
	4 Kerchiefs	2,754
	5 Lungies	51,610
	6 Bedspreads	64,432
	7 Angavastrams	7,048
	8 Shirtings	25,164

9	Coatings	1,177
10	Gada	27,008
11	Carpet	32,014
12	Curtain cloth	3,557
13	Pillow cover	4,767
14	Pavadai and Dhavani	7,716
15	Others	9,376
	Total ..	5,83,652

TABLE 10.5—*cont.*

Variety of cloth. (1)	*Production.* ('000 *metres*) (2)
SILK—	
1 Dhoties	496
2 Sarees	4,072
3 Angavastram	1
4 Pavadai and Dhavani	98
5 Others	113
Total ..	4,780

ART SILK—		
	1 Dhoties	194
	2 Sarees	34,060
	3 Lungies	647
	4 Pavadai and dhavani	480
	5 Others	6,228
	Total ..	41,609
MIXURE OF ARTSILK AND COTTON—		
	1. Dhoties	16
	2. Sarees	32,711
	3. Others	1,056
	Total ..	33,783
	Grand Total ..	6,63,824

Source; Commissioner of Statatics, Madras.

TABLE 10·6.

SMALL SCALE INDUSTRIES.

(As on 31st December 1979.)

Serial number.	*Code number.*	*Classification of industries.*	*Number of units.*
(1)	(2)	(3)	(4)
1	20–21	Food Products	2,180
2	22	Beverages and Tobacco Products	215
3	23	Cotton Textiles	1,223
4	24	Wool, Silk and Synthetic Fibres	251
5	25	Jute and Hemp Products	10
6	26	Textile Products	1,502
7	27	Wooden Products	974
8	28	Paper Products	2,475

9	29	Leather Products	624
10	30	Rubber and Plastic Products	1,402
11	31	Chemical Products	3,746
12	32	Non-Metallic Mineral Products	1,672
13	33	Basic Metals and Alloys	1,197
14	34	Metal Products	4,465
15	35	Machine Tools	1,939
16	36	Electrical Machinery and Apparatus	674
17	37	Transport Equipments	920
18	38	Other Manufacturing Industryes	1,453
		Total	26,922

Source : Director of Industries and Commerce, Madras.

TABLE 10·7.

KHADI AND VILLAGE INDUSTRIES, 1979–80.

Khadi and village industries units.	*Number.*
(1)	(2)
1 Khadi Centres	78
2 Khadi Silk Production Centres	9
3 Dyeing, Bleaching and Printing Units	2
4 Central Godown	1
5 Tailoring Units	3
6 Quilt Centre	1
7 Rural Textile Centres	328
8 Rural Fabric Centres	4
9 Khadi Krafts	155
10 Village Industries Units	163

PRODUCTION.

Item. (1)	Quantity. (in lakhs.) (2)	Value. (Rupees in lakhs.) (3)
(a) *Yarn (in metric hanks).*—		
(i) Kisan	3·83	3·86
(ii) Ambar	2·63	1·84
(iii) Rural Textile centres	217·71	158·65
(b) *Cloth (in lakh metres).*—		
(i) Cotton	36·35	409·71
(ii) Silk	1·66	109·78
(c Village Industries Product	..	3,273.39
Sales—		
(i) Khadi	..	615·24
(ii) Village Industries Products	..	3,546·28

Source : Chief Executive Officer, Tamil Nadu Khadi and Village Industries Board, Madras.

XI FACTORIES.

TABLE 11·1.

REGISTERED AND WORKING FACTORIES—1979.

Serial number and item.	Number.
(1)	(2)
1 Factories on the register at the beginning of the year	8,804
2 Factories added during the year	987
3 Factories removed during the year	652
4 Factories on the register at the end of the year	9,139
5 Working Factories	8,697

Source : Commissioner of Labour, Madras.

TABLE 11·2.

EMPLOYMENT IN WORKING FACTORIES—1979.

Serial number and Item. (1)	*Number.* (2)
1 Total number of working Factories	8,697
2 Number of Factories reporting	7,787
3 Number of workers employed in all the Factories submitting returns	5,63,741
4 Estimated number of workers in Factories not submitting returns.	39,974
5 Estimated total number of workers employed in all factories	6,03,715
6 Number of mandays worked during the year	15,64,24,060
7 Registered trade union as on 31st December 1979	3,031
8 Strikes and Lockouts for the year 1979	322

Source : Commissioner of Labour, Madras.

XII JOINT STOCK COMPANIES

TABLE 12·1.

JOINT STOCK COMPANIES AND THEIR PAID UP SHARE CAPITAL. 1979–80.

Item.	*Public.*	*Private.*
(1)	(2)	(3)
1. *Companies Limited by Shares.*—		
(i) Numbers	37	382
(ii) Paid up Capital (Rupees in lakh)	N.A.	N.A
2. *Companies limited by guarantee and association not for profit*—		
(i) Numbers	..	1
(ii) Paid up Capital (Rupees in lakh)	N.A.	N.A

Source : Registrar of Companies, Madras.

XIII. VITAL STATISTICS

TABLE 13·1.

BIRTHS AND DEATHS—1978.

District.	Midyear estimated population.	Births.	Birth rate.
(1)	(2)	(3)	(4)
1 Madras	3,008,000	95,483	31·74
2 Chengalpattu	3,425,000	63,769	18·62
3 South Arcot	4,032,000	73,097	18·13
4 North Arcot	4,199,000	93,553	22·28
5 Salem	3,371,000	59,950	17·00
6 Dharmapuri	1,929,000	32,570	17·78
7 Coimbatore	4,966,000	87,354	17·60

TABLE 13·1 —*cont.*

District. (1)	*Midyear estimated population.* (2)	*Births.* (3)	*Birth rate.* (4)
8 Nilgiris	556,000	10,469	18·81
9 Thanjavur	3,933,000	72,327	18·33
10 Tiruchirappalli	3,574,000	73,211	20·48
11 Pudukkottai ..	1,094,000	19,035	17·40
12 Madurai	4,467,000	99,365	22·25
13 Ramanathapuram	3,179,000	62,456	19·65
14 Tirunelveli	3,543,000	78,508	22·16
15 Kanniyakumari	1,387,000	35,269	25·43
TOTAL ..	46,663,000	95,641	20.50

TABLE 13·1 —*cont.*

District. (1)	*Deaths.* (5)	*Death rate.* (6)	*Infants deaths.* (7)	*Infant mortality rate.* (8)
1 Madras	28,587	9·50	6,411	67·16
2 Chengalpattu ..	20,159	5·90	2,306	36·16
3 South Arcot	23,571	5·84	2,144	29·33
4 North Arcot	31,106	7·41	3,909	41,78
5 Salem	19,554	5·17	2,329	28·00
6 Dharmapuri	9,968	6·00	922	28·31
7 Coimbatore	25,774	4·93	3,120	35·72

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TABLE 13·1—*cont.*

District.	*Deaths.*	*Death Rate.*	*Infant Deaths.*	*Infant morality rate*
(1)	(5)	(6)	(7)	(8)
8 Nilgiris	2,622	4·90	555	53·01
9 Thanjavur	28,547	7·26	2,125	29·38
10 Tiruchirappalli	28,177	8·00	2,598	35·49
11 Pudukkottai	5,351	5·00	424	22·12
12 Madurai	29,106	6·52	4,373	44·01
13 Ramanathapuram	17,781	5·59	2·184	35·01
14 Tirunelveli	20,379	5·75	2,963	37·83
15 Kanniyakumari	9,630	7·00	1,625	46·07
TOTAL	3,00,308	6·44	37,988	39·72

Source : Director of Public Health and Preventive Medicine, Madras.

TABLE 13·2.

DEATH BY CAUSES—1978.

Causes.	Causes of deaths.	
	Number of deaths.	Death rates.
(1)	(2)	(3)
Cholera	191	<1
Fever	52,456	1·12
Dysentry and Diarrhoea	17,951	0·38
Respiratory Diseases	28,174	0·60
Injuries	3,484	0·01
Other Causes	1,98,052	4·24
TOTAL	3,00,308	6·44

Source : Director of Public Health and Preventive Medicine, Madras.

TABLE 13·3.

EXPECTATION OF LIFE AT BIRTH.

Period.	Tamil Nadu.		India.	
	Males.	Females.	Males.	Females.
(1)	(2)	(3)	(4)	(5)
1955–60	40·7	38·8	41·9	40·6
1961–65	46·5	45·6	48·7	47·4
1966–70	52·0	50·1	53·2	51·9
1971–75	56·1	54·2	57·3	56·0
1976–80	59·9	58·0	61·1	59·8
1981–85	60·9	59·0	63·1	61·8

Source : Report on the population projections worked out by the Expert Committee set-up by the Planning Commission.

XIV. MEDICAL AND HEALTH.

TABLE 14·1.

HOSPITALS, DISPENSARIES AND BED STRENGTH—1979–80.

Classification.	Modern Medicine.	Indian Medicine.		
		Ayurvedic.	*Siddha.*	*Unani.*
(1)	(2)	(3)	(4)	(5)
1 Hospitals	374	..	1	..
2 Dispensaries	655	94	392	14
3 Primary Health Centres	383	..	..	..
4 Maternity and Child Health Centres	..	..	..	..
5 Other Medical Institutions	162	..	88†	..
6 Bed Strength	47,062	..	512	..

TABLE 14·1—*cont.*

Classification.	Indian Medicine.		Homoeo-pathy.	Grand Total.
	Ayurvedic Siddha Unani combined	Total.		
(1)	(6)	(7)	(8)	(9)
1 Hospitals	1	2	1	377
2 Dispensaries	..	500	2	1,157
3 Primary Health Centres	..	..	..	383
4 Maternity and Child Health Centres ..	..	..	..	..
5 Other Medical Institutions	..	88	..	250
6 Bed Strength	150	662	25	47,749

†Siddha Wings.

Source : Heads of Dep: rtment's concerned.

TABLE 14·2

REGISTERED MEDICAL PERSONNEL BY CATEGORIES 1979–80.

Class of Medical Personnel. (1)	*Number* (2)
1 Registered Doctors (Allopathic)	33,173
2 Registered Doctors (Indian Medicine)	24,224
3 Registered Doctors (Homoeopathy)	15,232
4 Registered Dentists	579
5 Registered Nurses	21,742
6 Registered Midwives	29,031
7 Registered Auxiliary Nurse Midwives	4,367
8 Registered Pharmacists	11,169
9 Registered Health Visitors	449

Source : Registrars of Respective Councils, Madras.

XV. FAMILY WELFARE.

TABLE 15·1.

PROGRESS OF FAMILY WELFARE PROGRAMME—1979–80.

Method.	*Progress During 1979–80*		*Percentage of Achievements.*	*Cumulative performance since inception of the programme for 1956.*	*Performance per 1,000 population 1971 Census.*
	Target.	*Achievement.*			
(1)	(2)	(3)	(4)	(5)	(6)
Sterilisation ..	2,82,000	1,57,642	55·9	31,56,909	76·6
I.U.D. ..	85,000	31,212	36·7	4,02,864	9·8
Users of Conventional Contraceptives ..	1,01,200	73,426	72·0	72,870	1·8

Source : Director of Medical Services and Family Welfare, Madras.

TABLE 15.2

PROGRESS OF FAMILY WELFARE PROGRAMME BY DISTRICTS—1979–80.

Serial number and name of the districts.	*Number of institutions.*	*Sterilisation.*	
		Target.	*Achievements.*
(1)	(2)	(3)	(4)
1 Madras	64	16,900	20,942
2 Chengalpattu	66	19,800	12,215
3 South Arcot	71	24,800	7,817
4 North Arcot	66	25,600	17,970
5 Salem	79	20,500	13,763
6 Dharmapuri	34	11,500	5,142
7 Periyar	44	12,200	8,824
8 Coimbatore	84	17,700	11,355

TABLE 15·2—*cont*

Serial number and name of the district. (1)	*Number of institutions.* (2)	*Sterilisation.* *Target.* (3)	*Achievements.* (4)
9 The Nilgiris	33	3,400	2,634
10 Thanjavur	69	26,300	13,108
11 Tiruchirapalli	61	19,800	9,202
12 Pudukkottai	50	6,600	1,991
13 Madurai	95	27,000	18,071
14 Ramanathapuram	66	19,600	5,480
15 Tirunelveli	76	21,900	4,851
16 Kanniyakumari	30	8,400	4,277
Total ..	988	282,000	157,642

TABLE 15.2—*cont.*

Serial number and name of the districts.	*I.U.D.*		*Users of conventional contraceptives.*	
	Target.	*Achievement.*	*Target.*	*Achievement.*
(1)	(5)	(6)	(7)	(8)
1 Madras	5,100	8,002	6,100	8,111
2 Chengalpattu	5,980	1,350	7,100	3,301
3 South Arcot	7,460	1,316	8,900	7,661
4 North Arcot	7,730	1,356	9,200	2,646
5 Salem	6,180	1,818	7,400	6,651
6 Dharmapuri	3,460	1,036	4,100	729
7 Periyar	3,620	609	4,365	2,448
8 Coimbatore	5,390	1,381	6,335	2,582

TABLE 15.2—*cont.*

Serial number and name of district. (1)	*I. U. D.* *Target* (5)	*I. U. D.* *Achievement* (6)	*Users of Conventional contraceptives* *Target.* (7)	*Users of Conventional contraceptives* *Achievement.* (8)
9 The Nilgiris	1,020	234	1,200	370
10 Thanjavur	7,930	2,757	9,400	8,782
11 Tiruchirapalli	5,960	2,434	7,100	9,055
12 Pudukkottai	1,990	572	2,400	2,181
13 Madurai	8,130	4,914	9,700	4,390
14 Ramanathapuram	5,910	1,622	7,000	5,147
15 Tirunelveli	6,600	1,490	7,900	6,899
16 Kanniyakumari	2,540	321	3,000	2,473
Total ..	85,000	31,212	101,200	73,426

Source : Director of Medical Services and Family Welfare, Madras.

XVI. EDUCATION.

TABLE 16.1.

UNIVERSITIES, STUDENTS AND TEACHERS—1979-80.

Type of Institution.	*Number of Institutions.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras University ..	1	2,132	583	2,715	345
2 Perarignar Anna University of Technology ..	1	993	67	1,060	333
3 Annamalai University ..	1	6,177	1,048	7,225	428
4 Agricultural University ..	1	2,591	120	2,711	959
5 Madurai University ..	1	938	380	1,318	162

Source:—Respective Universities

TABLE 16.2.

COLLEGESFOR GENERAL EDUCATION, STUDENTS AND TEACHERS—1979–80.

Type of Institution.	*Number of Institution.*	*Students.*			*Teachers*
		Boys.	*Girls,*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Colleges for Men ..	134	90,432	5,611	96,043	8,781
2 Colleges for Women ..	53	..	39,683	39,683	3,409
3 Annamalai University	1	3,152	610	3,762	212

Source: Director of Collegiate education and Registrar of Annamalai University.

TABLE 16.3.

COLLEGES FOR PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS—1979-80

Type of Institution.	Number of Institutions.	Students. Boys.	Girls.	Total.	Teachers
(1)	(2)	(3)	(4)	(5)	(6)
1 Medicine—					
(i) M.B.B.S. and Post Graduate Courses	9	6,507	3,321	9,828	1,980
(ii) B.D.S. Course ..	1	180	75	255	..
(iii) Indian Medicine ..	1	182	50	232	30
(iv) Homeopathy ..	1	77	48	125	17
2 Engineering and Technology	13	16,149	702	16,851	1,455

TABLE 16·3—*cont.*

Type of institution.	*Number of institutions.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
3 Law	5	3,289	235	3,524	86
4 Agriculture	7	1,851	105	1,956	724
5 Veterinary	1	740	15	755	235
6 Teachers Training ..	24	1,576	2,158	3,734	274
7 Physical Education ..	4	298	109	407	36
8 B.Sc. (Nursing)	2	14	416	430	31
9 Arts and Crafts	3	451	54	505	56
10 Music	3	205	325	530	43
11 Pulavar	1	36	18	54	..
12 Diploma in Teaching ..	1	44	82	126	..

Source Respective Heads of Institutions.

TABLE 16.4.

COLLEGES FOR SPECIAL EDUCATION, STUDENTS AND TEACHERS—1979-80.

Type of Institution.	*Number of Institutions.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Oriental Studies	16	1,209	591	1,800	133
2 Social Education ..	2	129	45	174	16
3 Rural Education ..	1	396	46	442	70
4 Ayurvedic	1	14	2	16	6
5 Demography	1	22	2	24	..

Source ; Director of Collegiate Education and Registrar Annamalai University.

TABLE 16.5.

SCHOOLS FOR GENERAL EDUCATION.

STUDENTS AND TEACHERS—1979–80.

Type of Institution.	*Number of Institutions.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Pre-primary Schools ..	23	2,411	2,133	4,544	111
2 Pre-Primary Sections attached to Schools ..	11	283	288	571	16
3 Primary Schools ..	27,662	24,08,514	19,43,831	43,52,345	1,12,535
4 *Middle Schools*—					
(*a*) MER middle schools	25	4,708	4,852	9,560	354
(*b*) Higher Elementary Schools	5,657	14,01,809	10,70,514	24,72,323	66,185
(*c*) Anglo-Indian Primary School	3	652	483	1,135	29

5 High Schools	1,999	4,39,267	2,89,190	7,28,457	31,991
6 Anglo-Indian High Schools	15	2,863	7,512	10,375	361
7 Matriculation High Schools	9	2,361	3,397	5,758	146
8 *Central High Schools*—					
(*a*) Kendriya Vidyalaya	6	1,571	1,171	2,742	100
(*b*) Schools affiliated to Central Board of Secondary Education	41	14,003	6,506	20,509	1,035
(*c*) Schools affiliated to Indian school certificate Examination.	18	3,882	3,229	7,111	469

TABLE 16·5—*cont.*

Type of Institution.	*Number of insti-tution.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
9 Higher Secondary Schools.	1,036	771,906	3,90,687	11,62,593	41,174
10 Anglo-Indian Higher Secondary Schools.	26	15,150	10,403	25,553	797
11 Matriculation Higher Secondary Schools.	24	8,647	14,959	23,606	707
12 *Central Higher Secondary Schools*—					
(*a*) Kendriya Vidyalaya	9	5,880	4,805	10,685	447
(*b*) Schools affiliated to Central Board of Secondary Education.	35	28,929	12,301	41,230	1,859
c) Schools affiliated to Indian School Certificate Examination.	8	3,099	1,857	4,956	273

Source : Director of School Education, Madras.

TABLE 16.6

SCHOOLS FOR PROFESSIONAL EDUCATION

STUDENTS AND TEACHERS 1979—80

Type of Institution.	*Number of institutions.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Training Schools for Men	30	778	..	778	154
2 Training Schools for Women.	45	..	1,340	1,340	150
3 Pre-Primary Training Schools.	4	..	111	111	9
4 Music Schools	3	17	131	148	40
5 Craft School	1	22	332	354	12

Source : Director of School Education, Madras.

TABLE 16·7

SCHOOLS FOR SPECIAL EDUCATION

STUDENTS AND TEACHERS 1979—80

Type of institution.	*Number of institution.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Oriental High Schools ..	17	2,223	1,045	3,268	192
2 Oriental Higher Secondary Schools.	1	274	160	434	17
3 *Schools for Handicapped*—					
(*a*) Schools for Blind ..	18	770	332	1,102	139
(*b*) Schools for Blind and Deaf.	5	486	387	873	110

(*c*) Schools for Deaf and Dumb.	14	1,211	641	1,852	157
(*d*) Schools for Orthopaedically handicapped.	8	149	94	243	12
(*e*) School for Mentally Retarded.	1	130	65	195	9
(*f*) Schools for Leper ..	3	187	76	263	13
(*g*) Reformatory schools/ jail school.	17	3,268	667	3,935	189
(*h*) Service Homes ..	3	..	211	211	24

Source : Director of School Education, Madras.

TABLE 16·8

INSTITUTION FOR OTHER PROFESSIONAL EDUCATION

STUDENTS AND TEACHERS 1979—80

Type of institution.	*Number of institutions.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Polytechnic for men ..	28	14,756	351	15,107	1,038
2 Polytechnic for women .	3	..	1,234	1,234	105
3 Leather Technology ..	1	116	..	116	14
4 Printing Technology ..	1	357	..	357	31
5 Catering Technology ..	1	363	27	390	31
6 Film Technology ..	1	87	9	96	17

7 Industrial Schools ..	73	3,010	1,316	4,326	250
8 Industrial Training Institutes.	32	12,450	281	12,731	1,070
9 D. Pharmacy	1	189	82	271	..
10 B. Pharmacy	2	248	33	281	..
11 Diploma in Orthopaedics	1	..	5	5	..
12 Certified Radiological Assistant course.	2	30	3	33	..
13 Sanitary Inspectors Course	3	247	2	249	..
14 Dark Room Assistant Course.	2	16	3	19	..
15 Technical Teachers Training Institute.	1	97	3	100	37
16 Management studies ..	1	149	..	149	25
17 Chemical Technology.	1	285	..	285	17
18 Textile Technology ..	1	93	..	93	11
19 State Institute of commerce	1	143	2	145	13

Source : Respective Heads of Institutions.

XVII. TRANSPORT

TABLE 17·1

LENGTH OF ROADS—1978—79

In kilo metres.

District/State	Surfaced road.				Unsurfaced road.	Grand total.
	Cement concrete.	Bituminous.	Water Bound Macadam	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras	148	1,312	81	1,541	56	1,597
2 Chengalpattu ..	52	3,088	1,452	4,592	5,283	9,875
3 South Arcot ..	37	3,380	2,100	5,526	3,714	9,240
4 North Arcot ..	112	3,090	1,697	4,899	4,870	9,759
5 Salem ..	125	2,695	3,297	6,117	2,449	8,566

6 Dharmapuri ..	23	1,969	1,822	3,814	2,224	6,038
7 Coimbatore ..	144	5,342	4,711	10,197	6,097	16,294
8 Nilgiris	11	1,257	364	1,632	1,214	2,846
9 Tiruchirapalli ..	77	3,202	1,837	5,116	5,753	10,869
10 Thanjavur ..	37	2,808	2,668	5,513	5,730	11,243
11 Pudukkottai ..	1	1,087	666	1,754	2,193	3,947
12 Madurai ..	118	3,409	2,357	5,884	4,131	10,015
13 Ramanathapuram	181	2,948	1,638	4,767	4,385	9,152
14 Tirunelveli ..	182	3,328	2,251	5,761	2,781	8,545
15 Kanniyakumari ..	53	1,135	760	1,948	1,159	3,107
STATE ..	1,301	40,059	27,701	69,061	52,039	1,21,100

Source: Heads of Departments Concerned.

TABLE 17·2.

PEDESTRIAN SUB-WAYS IN MADRAS CITY.

(as on 31st March 1980.)

Serial number and Location of the Pedestrian Sub-way.	*Tunnel area in sq. m.*	*Year of completion.*
(1)	(2)	(3)
1 Sub-way near 'The Hindu' Office	120·51	1979
2 Anna Sub-way (Round Tana)	333·67	1967
3 Sub-way near Santhi Theatre	174·64	1977
4 Sub-way near Thousand Lights	90·68	1977
5 Sub-way near Safire Theatre	145·04	1979
6 Sub-way near Teachers' College, Saidapet	157·60	1979

7	Sub-Way at Wall Tax Road, beside Central Railway Station.	162·00	1979
8	Sub-way in front of Central Railway Station	164·84	1967
9	Sub-way near Moore market	237·00	1975
10	Sub-way near Kilpauk Medical College Hospital ..	304·50	1979
11	Sub-way in front of Beach Railway Station	238·20	1979
12	Sub-way near Presidency College	306·95	1977

Source: Highways Department, Madras.

TABLE 17·3.

Road Accidents in Madras City, 1979.

1 Number of Accidents	4,728
2 Number of persons killed	268
3 Number of persons injured	3,786
4 Description of vehicles in accidents :—	
(*a*) Private Cars	1,568
(*b*) Lorries	1,059
(*c*) Buses	1,169
(*d*) Jeeps	46
(*e*) Taxis	261
(*f*) Vans	230
(*g*) Motor cycles	1,395

(*h*) Auto rickshaws	624
(*i*) Military vehicles	24
(*j*) Tractors	28
(*k*) Unknown vehicles	29
(*l*) Cycles	852
(*m*) Jutkas (Horse drawn vehicle)	6
(*n*) Cycle rickshaws	111
(*o*) Bullock carts	75
(*p*) Hand carts	81

Source: Deputy Commissioner of Police, Traffic, Madras.

TABLE 17·4.

REGISTERED MOTOR VEHICLES BY DISTRICTS—1979–80 (COMMERCIAL).

District.	Stage carriages.	Autorickshaws.	Ordinary Taxis.	Tourist Taxis.	Luxury coaches and Omni buses.
(1)	(2)	(3)	(4)	(5)	(6)
Madras	3,410	2,170	2,558	3,568	79
Chengalpattu	272	99	16	..	5
South Arcot	500	64	30	..	..
North Arcot	698	121	93	..	1
Salem	653	653	131	..	26
Dharmapuri	336	79	2	..	3
Periyar	433	397	326	..	..
Coimbatore	927	2,053	490	..	..

The Nilgiris	179	47	353	..	1
Thanjavur	744	27	174	..	..
Tiruchirapalli	590	592	174	..	5
Pudukkottai	208	8	28	..	..
Madurai	1,039	216	270	..	1
Ramanathapuram	512	30	132	..	..
Tirunelveli	.. 591	137	454	..	..
Kanniyakumari	215	96	547	..	..
Total ..	11,307	6,789	~~6,057~~ 5728	3,568	121

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TABLE 17·4—*cont.*

District. (1)	*Private Trans-port.* (7)	*Goods vehicles. Lorries/ Trucks.* (8)	*Tractors.* (9)	*Other vehicles.* (10)	*Grand total.* (11)
Madras	110	6,448	168	349	18,860
Chengalpattu	9	1,472	506	518	2,897
South Arcot	9	947	1,533	1,625	4,708
North Arcot	15	1,841	543	636	3,948
Salem	36	3,508	571	661	6,239
Dharmapuri	5	390	165	167	1,147
Periyar	12	1,892	555	560	4,175
Coimbatore	48	3,579	691	729	8,517

The Nilgiris	37	726	116	129	1,588
Thanjavur	12	642	882	884	3,365
Tiruchirapalli	31	2,222	441	504	4,559
Pudukkottai	2	328	101	104	779
Madurai	52	2,381	921	1021	5,901
Ramanathapuram	56	778	277	315	2,100
Tirunelveli	57	1,721	345	397	3,702
Kanniyakumari	10	657	43	43	1,611
Total	501	29,532	7,858	8,642	74,096

TABLE 17·4—*cont.*

Non-commercial

District.	*Motorcycles, Mopeds and Scooters.*	*Motor cars.*	*Station wagons.*	*Jeeps*
(1)	(12)	(13)	(14)	(15)
Madras	58,435	30,555	8	91
Chengalpattu	2,093	550	57	233
South Arcot	3,319	933	45	110
North Arcot	5,666	1,464	29	216
Salem	6,839	2,293	77	228
Dharmapuri	1,484	398	33	92
Periyar	5,733	1,686	3	86
Coimbatore	17,222	8,688	58	342

The Nilgiris	842	861	16	340
Thanjavur	4,752	1,690	5	134
Tiruchirapalli	7,818	2,524	42	151
Pudukkottai	672	458	2	41
Madurai	7,822	3,178	..	136
Ramanathapuram	2,033	760	1	36
Tirunelveli	5,156	2,230	69	173
Kanniyakumari	1,524	915	7	50
Total	1,31,410	59,183	452	2,459

TABLE 17·4—*cont.*

District.	*Goods vehicles LMV.*	*Tractors.*	*Others.*	*Total.*
(1)	(16)	(17)	(18)	(19)
Madras	1,142	34	306	90,571
Chengalpattu	35	519	50	2,537
South Arcot	76	237	84	4,804
North Arcot	184	6	99	7,664
Salem	95	680	253	10,465
Dharmapuri	3	18	29	2,057
Periyar	37	10	98	7,653
Coimbatore	350	125	317	27,102

The Nilgiris	140	47	56	2,302
Thanjavur	103	467	55	7,206
Tiruchirapalli	196	162	111	11,004
Pudukkottai	17	..	15	1,205
Madurai	82	2	139	11,359
Ramanathapuram	13	8	68	2,919
Tirunelveli	143	24	90	7,885
Kanniyakumari	76	..	38	2,610
Total	2,692	2,339	1,808	2,00,343

Source: Transport commissioner, Madras.

TABLE 17·5.

RAILWAY LENGTH FALLING IN TAMIL NADU.

(As on 31st March 1980).

Item.	*Broad Gauge.*	*Metre Gauge.*	*Total.*
(1)	(2)	(3)	(4)
Route Length (in km.)	932·72	2,881·34	3,814·06
Track Length (in km.)	1,569·57	2,939·18	4,508·75

Source: General Manager, Southern Railway.

TABLE 17·6

PORT DEVELOPMENT 1979–80.

1. Major Ports	2
2. Intermediate Ports	2
3. Minor Ports	5

TABLE 17·6—*contd.*

VESSELS ENTERED AND CARGO-HANDLED.

Name of the port.	*Vessels entered.*	*Cargo handled (tonnes).*
(1)	(2)	(3)
Madras	978	1,03,72,233
Tuticorin	245	24,12,000
Cuddalore	12	43,656
Nagapattinam	65	55,761
Kilakarai	..	..
Rameswaram	133†	722

Pamban	..	..	..	..	..	..	..	..	..
Colachel	..	..	..	..	..	..	..	2	17,000
Kanniyakumari	..	..	..	..	..	..	..	..	..

† Only one ship makes trips to and fro from Rameswaram and Thalaimannar.

Source.—Madras Port Trust, Tuticorin Port Trust, State Port Officer, Madras.

TABLE 17·7.

INLAND WATER TRANSPORT, 1979–80.

Name of the canal.	Length of the canal open for navigation.	Number of Boats		Quantity of cargo carried. (Tonnes.)	Value of cargo carried. RS.	Remarks.
		For cargo.	For passengers.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Buckingham Canal (up to Tamil Nadu Limit).	41 km.	255	2	4,968	1,46,27,700	Many of the boats were damaged during last flood in

						November, 1978. The canal also got silted up in many places and none of the boats were plying during 1979-80.
2. Vedaranyam Canal.	57 km.	Nil.	Nil.	Nil.	Nil.	Nil.

Source.—Chief Engineer (Irrigation), Madras.

XVIII. COMMUNICATIONS.

TABLE 18·1.

Post and Telegraph Offices, 1979-80.

Type. (1)	*Number.* (2)
1. Post and Telegraph Offices	3,528
2. Post Offices	11,642
3. Telegraph Offices	35

Source : Post Master General, Tamil Nadu Circle, Madras and General Manager, Telecommunication, Madras.

TABLE 18·2.

TELEPHONES IN TAMIL NADU CIRCLE—1979-80.

Item.	*Madras Telephone District.*	*Coimbatore Telephone District.*	*Madurai Telephone District.*	*Other areas.*	*Total for Tamil Nadu Circle.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Number of Exchanges ..	19	10	2	779	810
2 Number of Direct Exchange lines.	73,555	13,065	9,846	93,779	1,90,245
3 Number of Junction lines.	5,011	551	317	1,241	7,120
4 Number of Working lines.	78,566	12,651	9,529	95,020	1,95,766
5 Number of Telephones in use.	1,15,440	16,221	12,174	1,08,425	2,52,260
6 Number of PBX and PABX.	1,465	175	109	471	2,220

TABLE—18·2.—*cont.*

Item. (1)	*Madras Telephone District.* (2)	*Coimbatore Telephone District.* (3)	*Madurai Telephone District.* (4)	*Other areas.* (5)	*Total for Tamil Nadu Circle.* (6)
7 Number of Extensions from Direct Exchange Lines.	16,970	1,923	1,283	8,369	28,545
8 Number of Extensions from PBX and PABX.	24,915	2,100	1,362	5,251	33,628
9 Number of Public Call Offices Local.	568	153	103	485	1,309
10 Number of Public Call Offices, Long Distance.	7	..	..	803	810
11 Number of Public Call Offices Total	575	153	103	1,288	2,119

Source : General Manager, Madras Telephones, Madras; General Manager, Telecommunications, Madras, District Managers, Coimbatore, Madras and Madurai Telephones.

TABLE 18·3.

BROADCAST RECEIVERS AND TELEVISIONS—1979.

Item.	number.
(1)	(2)
1 Broadcast Receivers	25,11,091
2 Televisions	76,604

Source : Post Master-General, Tamil Nadu Circle, Madras.

XIX. CO-OPERATION.

TABLE 19.1.

NUMBER, MEMBERSHIP AND PAID UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES, 1978–79

Serial number and Type of Societies.	*Number of Societies.*	*Membership.*	*Paid up Share Capital.*
(1)	(2)	(3)	(4)
			(RS. IN LAKHS.)
1 Tamil Nadu State Co-operative Bank.	1	14,837	477.22
2 Tamil Nadu State Land Development Bank.	1	330	767.18
3 Tamil Nadu Co-operative Marketing Federation	1	120	201.42
4 Tamil Nadu Consumer Co-operative Federation	1	162	41.64

5	Tamil Nadu Co-operative Union.	1	32	Not applicable.
6	Tamil Nadu Agro Federation ..	1	325	28.30
7	Co-operative Central Banks ..	16	5,62,806	3,423.65
8	Agricultural Credit Societies ..	4,754	47,79,000	3,896.53
9	Farmers Service Societies ..	26	1,14,000	97.82
10	Lamps	9	14,000	14.59
11	Primary Land Development Banks.	223	1,356	1,394.99
12	Co-operative Urban Banks ..	131	14,94,000	505.97
13	Employees Credit Societies ..	1,174	8,04,000	2,033.41
14	Urban Credit Societies	78	62,000	203.53
15	Co-operative Wholesale Stores ..	29	6,83,254	436.18
16	Primary Co-operative Stores ..	3,118	8,41,194	253.05
17	Joint and Collective Farming Societies	3	105	0.03

TABLE—19.1—*cont.*

Serial number and Type of Societies. (1)	*Number of Societies.* (2)	*Member-ship.* (3)	*Paid up Share Capital* (4)
			(Rs. IN LAKHS.)
18 Tenant Farming Societies ..	50	4,968	1.22
19 Sugarcane Growers Societies	1	121	0.02
20 Agricultural Improvement Societies.	14	1,871	0.42
21 Gramdhan and Bhoodan Societies.	45	4,141	0.34
22 Land Colonisation Societies ..	74	4,409	2.59
23 Lift Irrigation Societies	162	17,969	9.19
24 Primary Marketing Societies ..	114	6,04,126	284.85
25 Hill Tribes Marketing Societies ..	4	2,206	0.22

26	Thanjavur Co-operative Marketing Federation	1	4,070	42.24
27	Salt Manufacturing	12	2,102	5.71
28	Labour Contract Societies ..	111	19,723	5.35
29	Transport Societies	1	46	0.15
30	Printing Press	16	7,833	16.34
31	District Washermen and Laundry Societies	19	9,038	1.15
32	Hair Dressing and Barbers Societies..	15	1,831	0.68
33	Health Co-operatives	2	377	0.003
34	Taluk and District Co-operative Unions	13	464	0.005
35	Training Institutes	7	..	..

TABLE—19·1—*cont.*

Serial number and Type of Societies. (1)	*Number of Societies.* (2)	*Member-ship.* (3)	*Paid up. Share Capital.* (4)
			(RUPEES IN LAKHS.)
36 Co-operative Canteen and Restaurants	79	49,236	3.74
37 Processing Societies	1	544	9.29
38 Fruit and Vegetables Co-operative Societies	4	297	0.15
39 Agro Engineering Centre (District level and Block level)	181	33,108	79.36
40 Others (including Agricultural and non-agricultural)	89	5,299	2·92
41 Industrial Co-operative Societies.	389	30,001	375.51

42	Khadi and Village Industries Co-operative Societies	3312	3,15,698	68.69
43	Sheep Breeding Co-operative Societies	350	18,162	28.86
44	Poultries Co-operative Societies.	124	8,685	1.38
45	Weavers Co-operative Societies.	993	2,22,620	521.90
46	Primary Fishermen Co-operative Societies	491	85,241	20.51
47	Central Fishermen Co-operative Societies	19	901	14.76

Source : Heads of Departments concerned.

TABLE 19.2.

LOANS ADVANCED, OUTSTANDING AND OVERDUE OF CERTAIN CO-OPERATIVE CREDIT SOCIETIES, 1978-79.

Type of Societies.	Loans. Advanced.	Outstanding.	Overdue
(1)	(2)	(3)	(4)
	(RUPEES IN LAKHS.)		
1 Tamil Nadu State Co-operative Bank	21,212.28	17,744.21	1,512.13
2 Tamil Nadu State Land Development Bank	1,041.47	14,412.04	4,355.02
3 Co-operative Central Bank (including cash credit) ..	54,985.05	32,886.75	7,559.17
4 Agricultural Credit Societies ..	9,927.31	21,498.93	11,636.62

5	Farmers Service Co-operative Societies	306.14	655.00	232.63
6	Lamps (Large size multi-purpose Societies)	31.35	50.03	25.07
7	Primary land Development Banks	1,174.13	13,011.12	3,786.60
8	Co-operative Urban Banks ..	6,404.71	5,251.13	489.67
9	Employees Credit Societies ..	12,406.62	10,301.14	198.49
10	Urban Credit Societies	202.16	330.93	50.90
11	Tenant farming Societies ..	0.84	4.47	2.49
12	Sugarcane growers Societies ..	Nil	0.03	0.01
13	Agricultural improvement societies.	0.56	1.28	1.28
14	Gramdhan and Bhoodan Societies.	0.73	4.53	3.76
15	Land colonisation co-operative societies	25	1,010.00	748.00

TABLE 19.2—*contd.*

	Types of Societies.	*Loans.*		
		Advanced.	*Outstanding.*	*Overdue.*
	(1)	(2)	(3)	(4)
16	Primary Marketing Societies ..	197.94	113.23	18.25
17	Labour Contract Societies ..	0.21	0.95	0.73
18	District Washermen and Laundry Societies	0.38	2.41	1.59
19	Hair Dressing Barbers societies ..	0.45	1.66	1.19
20	Fruits and Vegetables Co-operative Societies	0.54	0.79	0.03
21	Others (including Agricultural and non-Agricultural)	8.94	5.12	0.14

Source : Heads of departments concerned.

XX. REGISTRATION.

TABLE 20.1.

NUMBER OF REGISTRATION OFFICES—1979-80.

REGISTRATION AND AGGREGATE VALUE OF PROPERTIES TRANSFERRED.

Serial number and name of the district.	*Number of Registration Offices.*	*Number of Registration.*	*Aggregate value of property transferred,*	*Receipts.*
(1)	(2)	(3)	(4)	(5)
			(RS. IN CRORES.)	(RS. IN LAKHS.)
1 Ariyalur	16	38,445	10.93	11.70
2 Ramanathapuram ..	11	19,458	4.66	5.07
3 Virudhunagar	14	30,992	10.16	11.32
4 Erode	16	32,328	22.83	22.98

TABLE 20·1—*Cont.*

Serial number and District.	*Number of Registration Offices.*	*Number of Registrations.*	*Aggregate Value of Property transferred.*	*Receipts*
(1)	(2)	(3)	(4)	(5)
			(Rs. in crores.)	(Rs. in lakhs.)
5 Kanniyakumari	10	28,365	10.69	11.48
6 Cuddalore	13	29,087	12.98	14.62
7 Karur	18	48,065	23.13	22.32
8 Kallakurichi	14	27,876	9.46	9.48
9 Coimbatore	8	27,479	25.68	29.80
9 (a) The Nilgiris	4	6,692	4.55	4.83
10 Karaikudi	10	17,864	4.84	5.71
11 Chidambaram	11	24,920	8.55	9.69

12	Sivagangai . .	10	45,431	18.00	16.28
13	Chengalpattu	18	17,264	4.25	17.72
14	Madras (North)	11	33,611	134.40	59.93
15	Madras (South)	10	34,683	58.29	46.75
16	Cheyyar	10	21,312	8.42	7.98
17	Salem	14	34,059	26.16	25.44
18	Thanjavur	12	23,548	10.56	15.22
19	Dharmapuri	15	33,238	14.27	15.51
20	Dindigul. . . .	13	25,049	10.74	11.45
21	Trichy	9	28,911	14.79	18.53
22	Tiruppur	13	32,761	23.75	22.35
23	Tirunelveli	15	30,148	19.51	[illegible]
24	Tiruvannamalai	11	22,734	8.65	9.33
25	Tuticorin		20,368	6.49	7.49

TABLE 20.1—*Cont.*

Serial number and district. (1)	Number of Registration Offices. (2)	Number of Registration. (3)	Aggregate value of property transferred. (4)	Receipts (5)
			(Rs. in crores.)	(Rs. in lakhs.)
26 Tenkasi	14	28,064	7.81	8.16
27 Nagapattinam	11	24,043	9.64	10.14
28 Namakkal	14	23,872	15.66	16.35
29 Palani	10	16,600	9.13	7.88
30 Pattukottai	9	17,733	6.09	6.34
31 Pudukkottai	10	17,523	5.34	4.95
32 Periakulam	11	27,382	12.48	12.43

33	Palayamcottai ..	13	25,645	11.65	8.90
34	Madurai	10	30,499	20.94	20.85
35	Mayuram	10	17,582	7.28	7.81
36	Marthandam	9	19,204	3.98	4·39
37	Villupuram	14	31,567	10.98	11.94
38	Vellore	15	49,837	24.15	24.70
	Total .	4 58	10,64,209	641.88	579.44

Source : Inspector-General of Registration, Madras.

XXI. RELIGIOUS ENDOWMENTS.

TABLE 21.1

INCOME FROM TEMPLES BY INCOME RANGES 1979–80.

Income range.	*Number of Institutions.*	*Annual Income.*
		RS.
Below Rs. 1,000	12,296	71,12,251
Rs. 1,001 to Rs. 5,000	9,768	2,15,50,064
Rs. 5,001 to 20,000	2,375	2,14,73,825
Rs. 20,001 to Rs. 50,000	447	1,38,60,023
Rs. 50,001 to Rs. 1,00,000	152	1,04,88,906
Above Rs. 1,00 000	172	8,11,88,717
	25,210	15,56,73,786

Source: Commissioner for Hindu Religious and Charitable Endowments, Madras.

TABLE 21·2

INCOME FROM MOSQUES BY INCOME RANGES—1979-80

Income Range. (1)	*Number of Institutions* (2)	*Annual Income.* (3)
		RS.
Below Rs. 1,000	3,921	6,23,863
Rs. 1,001 to Rs. 5,000	990	24,82,269
Rs. 5,001, to Rs. 20,000	449	42,87,816
Rs. 20,001 to Rs. 60,000	137	42,82,433
Rs. 60,001 to 2,00,000	30	22,08,811
Over Rs. 2,00,000	2	12,32,183
Total ..	5,529	1,51,17,375

Source.—Secretary, Tamil Nadu Wakf Board, Madras.

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XXII COMMUNITY DEVELOPMENT.

TABLE 22·1

COVERAGE OF COMMUNITY DEVELOPMENT PROGRAMME 1979–80.

Item.	*Unit.*	*State.*	*Covered by the Community Development Programme.*	*Percentage.*
(1)	(2)	(3)	(4)	(5)
1. Blocks	No.	376	376	100·0
2. Area	Sq. Km.	130,069	1,12,093	86·15
3. Villages	No.	17,500*	16,582	94·75
4. Population	Lakhs.	412	321	77·91

*Approximate'

Source: Director of Rural Development, Madras.

TABLE 22·2.

PHYSICAL ACHIEVEMENTS UNDER COMMUNITY DEVELOPMENT PROGRAMME 1979–80.

Item.	*Unit.*	*Achievement.*
(1)	(2)	(3)
I. Coverage—		
1 Number of blocks reporting	No.	306 (average)
II. *Agriculture—*		
2 Improved seeds distributed (cereals, pulses, Cotton, Oil seeds and vegetable seeds)	Tonne	12,893
3 Fertilisers distributed	'000' Tonne	399
4 Improved implements distributed	Rupees	18,08,831

TABLE 22.2—*cont.*

Item	*Unit*	*Achievement*
(1)	(2)	(3)
5 Compost pits dug	No.	247,809
III. *Animal Husbandry*—		
6 Improved animals supplied	No.	8,235
7 Improved birds supplied	No.	84,903
8 Animals castrated	No.	48,478
IV. *Health and Rural Sanitation*—		
9 Drinking Water wells constructed	No.	51
10 Drinking water wells renovated	No.	41

11 Rural laterines constructed	No.	215
12 Pucca drainage constructed	Metres.	2,675
V. Social Education—		
13 Adults made literate	No.	42,727
VI. Communications—		
14 New Katcha roads constructed	Km.	511
VII *Peoples Contribution*—		
15 Cash and other Contributions .. .. .. (Cash, Kind and Labour.)	Rs. in lakhs.	15,908

Source: Director of Rural Development, Madras.

TABLE 22.3

PROGRESS OF COMMUNITY DEVELOPMENT PROGRAMME 1979–80

Item.	*Unit.*	*Magnitude.*
(1)	(2)	(3)
1. *Length of roads—*		
(a) Panchayat Roads	Kilometres	36,514
(*b*) Panchayat Union roads	,,	32,450
2. *Drinking water sources—*		
(*a*) Over head tanks and pressure tanks ..	Number	8,441
(*b*) Ground level reservoirs	,,	3,296
(*c*) Hand pumps	,,	42,853
(*d*) Drinking water wells	,,	81,338

3. *Agricultural depots*—		
(*a*) Main Depot-*cum*-godowns	Number	378
(*b*) Additional godowns	,,	493
(*c*) Sub-depots	,,	422
4. *Veterinary Dispensaries*—		
(*a*) Dispensaries	,,	~~577~~ 233
(*b*) Sub-Centres	,,	~~1,797~~ 86
5. *Fisheries*—		
(*a*) Fish Nurseries	,,	577
(*b*) Fish markets	,,	1,797
(*c*) Tanks used for fish rearings	,,	1,001
6. Primary Health Centres	,,	383
7. Maternity and Child welfare centres	,,	2,814

TABLE 22·3—*cont.*

Item	*Unit*	*Magnitude*	
(1)	(2)	(3)	
8. *Dispensaries*—		Regular	*Rural*
(*a*) Modern dispensaries	*Number*	176	43
(*b*) Ayurvedic Dispensaries	,,	14	68
(*c*) Siddha Dispensaries ..	,,	51	303
(*d*) Unani Dispensaries ..	,,	3	3
9. *Panchayat Union Schools*—			
(*a*) Elementary Schools	,,		20,304
(*b*) Higher Elementary Schools	,,		3,069

10 *Aided Schools*—		
(*a*) Elementary Schools		3,969
(*b*) Higher Elementary Schools	,,	1,265
11. *Panchayat Union School Teachers*—		
(*a*) Elementary Schools	,,	70,262
(*b*) Higher Elementary Schools	,,	27,356
12. *Aided School Teachers*—		
(*a*) Elementary Schools	,,	20,429
(*b*) Higher Elementary Schools	,,	13,943
13. *Number of Students in Panchayat Union Schools*—		
(*a*) Elementary Schools	'000	2,832
(*b*) Higher Elementary Schools	,,	1,001

TABLE 22·3—*cont.*

Item. (1)	*Unit.* (2)	*Magnitude* (3)
14. *Number of students in Aided Schools*—		
(*a*) Elementary Schools	'000'	801
(*b*) Higher Elementary Schools		486
15. Social Education Centre	Number	13,481
16. Mahalir Mandram	,,	12,523
17. Kuzhanthaigal Kappagam	,,	3,991
18. (*a*) Radio Sets functioning	,,	41,386
(*b*) T. V. Sets installed	,,	252
19. *Staff quarters.*—		
(*a*) For Block staff	,,	1,305

(*b*) For Gramasevaks (Rural Welfare Offices) ..	,,	611
(*c*) For Women teachers	,,	1,980
(*d*) For Veterinary staff	,,	113
(*e*) For Sanitary workers	,,	N.A.
20. *Institutions having own buildings*—		
(*a*) Panchayat Union Offices	,,	374
(*b*) Townships	,,	9
(*c*) Town Panchayats	,,	450
(*d*) Village Panchayats	,	5,226
(*e*) Primary Health Centres	,,	377
(*f*) Maternity and Child Welfare Centres	,,	1,639
(*g*) *Dispensaries*—		
(i) Regular	,,	142
(ii) Rural	,,	145

TABLE 22·3—*cont.*

Item. (1)	*Unit.* (2)	*Magnitude.* (3)
(*h*) *Agriculture Godowns*—		
(i) Main depot-*cum*-godowns	Number	377
(ii) Additional Godowns	,,	444
(iii) Sub-depots	,,	231
(*i*) *Veterinary dispensaries*—		
(i) Dispensaries	,,	462
(ii) Sub-Centres	,,	309
(*j*) *Panchayat Union Schools*—		
(i) Elementary Schools	,,	16,772

(ii) Higher Elementary Schools	,,		2,868
(*k*) *Aided Schools*—			
(i) Elementary Schools	,,		3,714
(ii) Higher Elementary Schools	,,		1,213
21. *Remunerative enterprises*—		Panchayats	Panchayat Unions.
(*a*) Kalyana Mandapam	Number	23	26
(*b*) Markets—			
(i) Public	,,	280	84
(ii) Private	,,	53	26
(*c*) Shandies—			
(i) Public	,,	441	315
(ii) Private	,,	74	31
(*d*) Bus stands	,,	226	..
(*e*) Slaughter houses	,,	267	..

TABLE 22·3—*cont.*

Item.	*Unit.*	*Magnitude*
(1)	(2)	(3)
22. *Industrial Units run by Panchayat Union* —		
(*a*) Carpentary	Number	135
(*b*) Blacksmithy	,,	43
(*d*) Others	,,	46
23. Cinema theatres in Panchayat Union area—		
(*a*) Permanent	,,	439
(*b*) Temporary	,,	730

Source : Director of Rural Development, Madras.

XXIII. EMPLOYMENT.

XXIII. EMPLOYMENT

TABLE 23·1.

WORKING OF EMPLOYMENT EXCHANGES—1979-80.

Type of Employment Exchanges.	*Number of Offices.*	*Registrations during the year.*	*Placements during the year.*	*Number on the Live Register at the end of the year.*	*Number of vacancies notified.*
(1)	(2)	(3)	(4)	(5)	
District Employment Offices	18	3,44,436	56,786	8,13,385	62,224
Professional and Executive Employment Office.	1	8,661	3,530	14,592	6,480
Employment Office for Physically Handicapped.	1	1,576	459	4,636	44

University Employment Information and Guidance Bureaus.	3	2,155	548	3,463	..
Sub-Employment Offices ..	10	63.123	8,562	1,69,804	10,854
All Offices	33	4,19,951	69,885	10,05,880	79,602

Source : Director of Employment and Training, Madras.

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TABLE 23·2.

EMPLOYMENT IN PUBLIC SECTOR—1979.

Branches.	*Number in* '000
(1)	(2)
1. Central Government	238
2. State Government	364
3. Quasi Government (Central)	137
4. Quasi Government (State)	259
5. Local Bodies	203

Source : Director of Employment and Training. Madras.

TABLE 23·3.

EMPLOYMENT BY INDUSTRIAL DIVISIONS—1979.

Industrial divisions.	Public.	Private.	Total
(1)	(2)	(3)	(4)
O. Agriculture, Hunting, Forestry, Fishing . .	23,669	71,716	95,385
1. Mining and Quarrying	23,631	7,436	31,067
2 and 3. Manufacturing	1,05,847	3,89,451	4,95,298
4. Electricity Gas and Water	81,473	676	82,149
5. Construction	55,870	4,596	60,466
6. Wholesale and Retail Trade, Restaurants and Hotels.	29,067	41,747	70,814
7. Transport, Storage and Communications.	2,09,197	22,646	2,31,843
8. Financing, Insurance, Real Estate and Business Services.	83,306	13,579	96,885
9. Community, Social and Personnel Services.	5,78,639	1,06,018	6,84,657

Source : **Director of Employment and Training, Madras.**

TABLE

EMPLOYMENT IN

Plantations.	*Number of estates registered.*	*Number of estates furnished returns.*
(1)	(2)	(3)
TEA	141	112
COFFEE	143	100
RUBBER	31	29
CINCHONA	6	2

23.4.

PLANTATIONS, 1979.

Category of workers. (4)	*Average daily number of workers.* *Garden labour.* *Permanent.* (5)	*Temporary.* (6)	*Outside labour* *Permanent.* (7)	*Temporary.* (8)
Men	18,997	1,390	68	332
Women	24,118	1,723	97	190
Minor	171	203	..	..
Men	1,675	1,160	129	405
Women	1,803	1,058	116	701
Minors	5	43	..	15
Men	798	1,204	125	..
Women	159	926	16	..
Minors	..	8	..	..
Men	261	50	..	102
Women	323	51	..	104
Minors	..	35	..	100

Source: Commissioner of Statistics, Madras.

XXIV. HOUSING AND BUILDING ACTIVITY.

TABLE 24·1.

DWELLING UNITS CREATED IN NEW CONSTRUCTIONS UNDER PUBLIC SECTOR BY ROOM UNITS.

Room Unit Size. (1)	1978–79 (2)
One room unit	5,303
Two room Unit	2,309
Three room Unit	495
Four or more room Unit	240

Source: Commissioner of Statistics, Madras.

TABLE 24·2.

DWELLING UNITS CREATED IN NEW CONSTRUCTIONS IN MUNICIPAL AREAS UNDER PRIVATE SECTOR BY ROOM UNITS.

Room Unit.	1974–75	1975–76	1976–77	1977–78	1978–79
One Room Unit	248	205	255	258	331
Two Room Unit	212	133	129	140	174
Three Room Unit	85	88	109	78	82
Four or more Room Unit . .	187	195	231	143	165

Source: Commissioner of Statistics, Madras.

TABLE 24 3.

BUILDING PERMITS SANCTIONED BY LOCAL BODIES, 1978–79.

Authority sanctioning permits.	*Number sanctioned.*
1. Corporation of Madras	5,452
2. All Municipalities	16,194
3. Town Panchayats (having population 10,000 and above).	11,033

Source: Commissioner of Statistics, Madras.

TABLE 24·4.

AMOUNT INVESTED IN HOUSING AND BUILDING ACTIVITIY UNDER PUBLIC SECTOR, 1978–79.

Year.	*Residential Rs. in '000'*	*Percentage to total.*	*Non-residential Rs. in '000'*	*Percentage. to total.*	*Total Rs. in '000 .*
(1)	(2)	(3)	(4)	(5)	(6)
1978-79 ..	94,072	68·11	44,049	31·89	1,38,121

(*Source*: Commissioner of Statistics, Madras.)

TABLE 24·5.

CONSTRUCTION ACTIVITY OF TAMIL NADU HOUSING BOARD
1979–80.

Name of the Scheme.	*Number*
1 Low Income Group Housing Schemes Flats	1,507
2 Middle Income Group Housing Schemes Flats	842
3 Slum Improvement/Clearance Tenements	1,908
4 Tamil Nadu Government Rental Housing Flats	936
5 Subsidized Industrial Housing-Tenements	..
6 Fire Proof Tenements	..
7 Special Low Cost Housing Schemes	1,424

(*Source* : Tamil Nadu Housing Board, Madras.)

TABLE 24·6.

CONSTRUCTION ACTIVITY OF TAMIL NADU SLUM CLEARANCE BOARD, 1978–79.

Item.	Number.
1 Number of Tenements sanctioned for construction	7,151
2 Number of Tenements constructed	3,368
3 Amount sanctioned Rs. (in lakhs)	645·87
4 Amount spent Rs. (in lakhs)	422·50
5 Number of Tenements occupied	3,313
6 Rent received Rs. (in lakhs)	37·45

(*Source* : Tamil Nadu Slum Clearance Board, Madras.)

TABLE 24·7.

INDEX NUMBER OF BUILDING COST IN MADRAS CITY

(Base: 1971–72=100)

Group.	1977–78.	1978–79.	1979–80.
(1)	(2)	(3)	(4)
1 Building Materials	164·85	201·43	246·61
2 Building Labour	215·05	254·66	304·55
3 Other Charges	162·64	194·54	238·43
Index number of Building cost in Madras City.	173	209	255

(*Source* : Commissioner of Statistics, Madras.)

XXV. BANKS

TABLE 25·1.

NUMBER OF COMMERCIAL BANK OFFICES, 1979–80.

Bank Group.	New Offices. Opened by commercial banks during the year.	New Offices. Of which opened at unbanked centres during the year.	Total number of bank Offices at the end of the year.
(1)	(2)	(3)	(4)
1 State Bank of India	6	6	354
2 Subsidiaries of State Bank of India	6	..	71
3 Nationalised Bank	53	44	1,323
4 (a) Other scheduled banks	44	25	940

TABLE 25·1—*cont.*

Bank Group.	*New Offices.*		*Total number of bank Offices at the end of the year.*
	Opened by commercial banks during the year.	*Of which opened at unbanked centres during the year.*	
(1)	(2)	(3)	(4)
(*b*) Regional Rural Banks ..	17	16	70
5 Foreign Banks	..	..	11
6 All Scheduled Commercial Banks ..	126	91	2,769
7 Non-Scheduled Commercial Banks	..	..	..
8 All Commercial Banks	126	91	2,769

(*Source* : Reserve Bank of India, Madras.)

TABLE 25·2

DEPOSITS OF SCDEDULED COMMERCIAL BANKS.

(As on last Friday of June 1977)

Type of Deposits.	*Number of accounts.*	*Amount (Rupees in lakhs.)*
(1)	(2)	(3)
Current	N.A.	3,53,606
Savings	N.A.	4,76,017
Fixed	N.A.	11,62,358
Others	N.A.	..
Total ..		19,91,981

(*Source* : Reserve Bank of India, Madras.)

TABLE 25·3

OCCUPATION-WISE CLASSIFICATION OF OUTSTANDING CREDIT OF SCHEDULED COMMERCIAL BANKS.

(As on the last Friday of June 1977.)

Occupation.	*Number of accounts.*	*Amount outstanding.*
(1)	(2)	(3)
		(AMOUNT IN LAKHS OF RUPEES.)
I. *Agriculture and allied activities*	863,831	147, 90
(*a*) Direct Finance	825,915	121,06
(*b*) Indirect Finance	36,113	15,29
(*c*) Plantations	1,803	11,55

II. Industry	119,142	777,86
(*a*) Mining and Quarrying	116	1,48
(*b*) Manufacturing Industry	44,637	682,49
(*c*) Electricity, Generation, Transmission and Distribution.	121	10,68
(*d*) Construction	624	9,56
(*e*) Transport operators	8,749	17,83
(*f*) Personal and Professional Services	62,895	55,82
III. Trade	79,342	155,79
IV. Personal loans	319,388	55,30
V. All others	445,854	85,65
Total Bank Credit	1,827,557	1,222,50
Of which : Small Scale Industry	41,868	170,39

Source : Reserve Bank of India. Bombay

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TABLE 25.4.

AGGREGATE DEPOSITS AND TOTAL CREDIT OF PUBLIC SECTOR BANKS AND THEIR ADVANCES TO PRIORITY SECTORS.

(As on the last Friday of June 1978.)

Item. (1)	*Number of accounts.* (2)	*Amount outstanding.* (3)
		(RUPEES IN LAKHS.)
Advance to Agriculture—		
1. Direct finance	8,11,853	13,708·74
2. Indirect finance	17,814	1,837·35
3. Total of 1 and 2	8,29,667	15,546·09
Advances to—		
4. Small scale Industries, Craftsmen and other qualified entrepreneurs.	98,390£	17,752·92

5. Road and Water Transport Operators	7,454£	1098·93
6. Retail Trade and Small Business	1,00,282£	2,546·16
7. Setting up of Industrial Estates	1£	2·10
8. Professional and self employed	72,150£	804·12
9. Education	4,999£	113·27
Total—Priority Sectors	11,12,943	37,863·59

£ Indicates Number of units.

Source : Reserve Bank of India, Bombay.

XXVI. LIFE INSURANCE.

TABLE 26·1.

LIFE INSURANCE IN TAMIL NADU.

(As on 31st March 1980).

Item.	*Number.*
(1)	(2)
1. Offices—	
Branch Offices	57
Sub-Offices	..
Development Centres	8
2. Agents	9,389

(3) Individual Business—	
(a) *Policies issued*—	
Rural	57,967
Urban	1,30,234
Total	1,88,201
(b) *Sum Assured (Rupees in Crores)*—	
Rural	53·41
Urban	168·94
Total	222·35

Source : Life Insurance Corporation of India, Bombay.

TABLE 26·2.

INVESTMENTS MADE BY LIFE INSURANCE CORPORATION OF INDIA IN TAMIL NADU.

(As on 31st March 1980)

Item.	*Book value of Investments/Loans Outstanding.*
(1)	(2)
	(RUPEES IN CRORES.)
1. State Government Securities	34·46
2. Municipal Securities	10·49
3. Land Development Bank—Debentures	21·39
4. State Electricity Board—Bonds	24·11
5. State Electricity Board—Loans	52·45

6. Tamil Nadu Industrial Investment Corporation—Bonds	4·65
7. Loans to State Government for Housing Schemes	21·62
8. Loans to Municipal Committees	41·38
9. Loans to Apex Co-operative Housing Finance Society	50·30
10. Loans to Sugar Co-operative Societies	2·31
11. Loans to Co-operative Industrial Estates	0·01
12. Shares and Debentures of Companies (including Loans to Companies)	38·59
Total ..	301·76

Source : Life Insurance Corporation of India, Bombay.

XXVII. PRICE INDICES.

TABLE 27.1.

INDEX NUMBERS OF WHOLE-SALE PRICES

(Base year 1970–71=100).

Period.	*Primary Articles.*	*Fuel, Power and Light.*	*Manufactured products.*	*All Commodities Index.*
(1)	(2)	(3)	(4)	(5)
1975	183.05	172·94	156.49	171·02
1976	171·24	185·78	159·11	166·37
1977	187·73	186·05	167·85	178·87
1978	190·91	185·95	170·66	181·83
1979	203·47	216·68	193·12	199·34
1980 January	220·70	245·87	208·58	216·18

February	216·85	245·87	210·99	215·22
March	219·23	245·61	211·65	216·75
April	219·09	245·35	211·35	216·54
May	218·88	245·35	217·66	219·21
June	220·81	273·21	220·12	222·22
July	224·68	283·31	226·63	227·45
August	223·62	285·53	227·77	227·47
September	225·82	286·31	230·09	229·67
October	234·06	286·31	232·55	235·10
November	241·72	286·31	232·40	239·07
December	243·50	286·31	231·89	239·78

(*Source* : Commissioner of Statistics, Madras.)

TABLE 27.2.

CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

Period.	*Madras City.*		*Cuddalore.*		*Tiruchirappalli.*	
	1960 =100	1935–36 =100	1960 =100	1935–36 =100	1960 =100	1935–36 =100
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1975	325	1,547	325	1,532	372	1,654
1976	283	1,347	289	1,361	313	1,391
1977	306	1,455	320	1,506	335	1,492
1978	316	1,504	329	1,552	358	1,595
1979	341	1,624	352	1,659	375	1,670

1980	January	362	1,723	387	1,823	404	1,798
	February	362	1,723	376	1,771	406	1,807
	March	363	1,728	381	1,795	401	1,784
	April	361	1,718	387	1,823	398	1,771
	May	367	1,747	395	1,860	407	1,811
	June	371	1,766	388	1,827	405	1,802
	July	383	1,823	400	1,884	414	1,842
	August	384	1,828	410	1,931	417	1,856
	September	381	1,814	405	1,908	419	1,865
	October	388	1,847	409	1,926	431	1,918
	November	398	1,894	428	2,016	445	1,980
	December	404	1,923	437	2,058	454	2,020

TABLE 27·2—*cont.*

Period.	Madurai,		Coimbatore.	
	1960=100	1935—36=100	1960=100	1935—36=100
(1)	(8)	(9)	(10)	(11)
1975	352	1,607	331	1,678
1976	296	1,351	300	1,519
1977	328	1,497	317	1,609
1978	335	1,532	323	1,640
1979	361	1,649	353	1,788

1980	January	388	1,773	389	1,972
	February	379	1,732	388	1,967
	March	380	1,737	386	1,957
	April	388	1,773	390	1,977
	May	393	1,796	393	1,993
	June	403	1,842	397	2,013
	July	412	1,883	406	2,058
	August	409	1,869	411	2,084
	September	410	1,874	413	2,094
	October	413	1,887	420	2,129
	November	429	1,961	429	2,175
	December	435	1,988	435	2,205

TABLE 7·2—*cont.*

Period.	*Nagercoil.* 1960=100	*Nagercoil.* August 1939=100	*Coonoor.* 1960=100
(1)	(12)	(13)	(14)
1975	390	1,954	314
1976	330	1,654	295
1977	344	1,724	312
1978	363	1,821	321
1979	401	2,009	348

1980 January	456	2,285	380
February	454	2,275	376
March	450	2,255	382
April	454	2,275	386
May	452	2,265	384
June	465	2,330	391
July	478	2,395	404
August	484	2,425	403
September	482	2,415	405
October	485	2,430	408
November	500	2,505	411
December	500	2,505	422

Source : Commissioner of Statistics, Madras.)

TABLE 27.3.

INDEX NUMBERS OF PARITY.

(1954–55=100).

Period.	*Index number of Price received by the farmer.*	*Index number of Price paid by the farmer.*	*Index number of parity.*
(1)	(2)	(3)	(4)
1975	501	553	91
1976	378	507	75
1977	411	539	76
1978	363	547	66
1979	392	607	65
1980 January	404	652	62

February	448	646	69
March	439	651	68
April	440	651	68
May	448	661	68
June	473	691	68
July	513	697	74
August	488	696	70
September	481	702	68
October	472	715	66
November	493	730	67
December	513	733	70

Source : Commissioner of Statistics, Madras.

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TABLE 27.4.

CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES.

1960=100)

Period. (1)	*Madras.* (2)	*Madurai.* (3)	*Tiruchirappalli.* (4)
1975	310	306	313
1976	292	285	282
1977	307	291	306
1978	319	299	314
1979	341	321	331
1980 January	365	345	355
February	362	341	349
March	363	343	348

April	364	344	350
May	369	353	352
June	373	355	358
July	380	365	368
August	384	367	369
September	385	370	370
October	389	380	380
November	397	388	390
December	405	392	392

Source : Central Statistical Organisation, New Delhi.

XXVIII EXPORTS AND IMPORTS.

TABLE 28.1.

PRINCIPAL COMMODITIES EXPORTED TO FOREIGN COUNTRIES THROUGH THE PORTS OF TAMIL NADU 1978–79.

Serial number.	*Commodity.*	*Unit.*	*Quantity.*	*Value.* (RS. IN LAKHS).
(1)	(2)	(3)	(4)	(5)
1	Leather	..	..	22,919
2	Tobacco manufactured and non-manufactured	Kg.	3,05,93,137	4,657
3	Handloom Piece goods	Metre	3,99,31,998	3,859
4	Iron ore and concentrates ..	Tonne	2,50,09,05,092	3,869
5	Fish and Fish preparations ..	Kg.	3,61,35,115	3,157
6	Mill made piece goods	Metre	2,09,78,376	1,422

7	Cotton yarn and thread ..	Kg.	53,14,185	627
8	Cement	Tonne	524	10
9	Groundnut (defated) oil cake and meal	Tonne	14,58,000	23
10	Mica (Including splitting and waste)	Kg.	20,64,836	292
11	Granite pherphery	Tonne	1,21,029	800
12	Onions	Kg.	3,22,43,481	625
13	Bones crushed	Kg.	1,36,19,817	211
14	Chillies	Kg.	99,52,025	986
15	Mulbury silk waste	Kg.	13,57,479	275
16	Hides and skins	Kg.	2,926	1
17	Senna leaves and pods	Kg.	4,83,204	25
18	Coffee green or roasted ..	Kg.	10,46,447	291
19	Deoiled Rice Bran	Kg	2,13,362	39

TABLE 28.1—*cont.*

Serial number.	*Commodity.*	*Units.*	*Quantity.*	*Value.* (Rs. IN LAKHS.)
(1)	(2)	(3)	(4)	(5)
20	Palmyra leaf and stalks for brooms	Kg.	..	..
21	Magnesite calsined	Kg.	3,03,90,394	164
22	Cashew kernels	Kg.	5,83,187	78
23	Goat hair other than Angora.	Kg.	2,81,719	11
24	Palm Fibre for brushes ..	Kg.	2,65,930	15
25	Beedi wrapper leaves	Kg.	64,11,181	23
26	Sandalwood oil	Kg.	95	4
27	Cotton mill waste	..	..	..
28	Garlic	Kg.	26,56,658	97

29	Curry powder	Kg.	5,27,400	65
30	Cardomom	Kg.	33,550	5
31	Human hair and waste.. ..	Kg.	68,141	7
32	Turmeric	Kg.	4,09,585	64
33	Mangoes	Nos.	1,90,412	2
34	Tamarind	Kg.	2,67,029	8
35	Other commodities	..	..	20,616
	Total ..			65,247

Source : Commissioner of Statistics, Madras.

TABLE 28·2.

PRINCIPAL COMMODITIES IMPORTED FROM FOREIGN COUNTRIES THOUGH THE PORTS OF TAMIL NADU—1978-79.

Serial number and commodity.	*Unit.*	*Quantity.*	*Value.* (RUPEES IN LAKHS.)
(1)	(2)	(3)	(4)
1 Machinery other than Electric	..	..	14,712
2 Iron and steel	..	..	11,544
3 Petroleum products	..	..	26,684
4 Wheat	Tonne	3,155	66
5 Urea (containing more than 45 per cent of Nitrogen)	Do.	97,308	1,070
6 Electrical Machinery apparatus and appliances	..	..	3,472

7 Transport equipments	..	..	1,073
8 Urea (Containing not more than 45 per cent of Nitrogen)	Tonne	1,20,248	1,151
9 Copper	Do.	52,712	511
10 Newsprint paper	Do.	44,138	1,560
11 Rock Phosphate	Do.	1,87,370	1,216
12 Ammonium Sulphate	Do.	27,536	200
13 Wattle Extract	Do.	16,572	648
14 Cinematographic films in rolls sensitised.	Metre	1,39,923	235
15 Sulphur other than sublimed precipitated or colloided	Tonne	27,536	336
16 Aluminium	Do.	12,899	1,250
17 X-ray Films and Plates	Number	18,208	24
18 Milk and Cream	Tonne	1,470	184
19 Wattle Bark	Do.	68	4

TABLE 28·2—*cont.*

Serial number and commodity. (1)	*Unit.* (2)	*Quantity.* (3)	*Value. (Rs. in lakhs.)* (4)
20 Potassium chloride	..	..	..
21 Hides and skins	Tonne	144	4
22 Medical and Pharmaceutical products	..	..	596
23 Soyabean oil	Tonne	13,294	993
24 Crude Rubber	..	11,539	1,151
25 Cotton Raw (Foreign)	Tonne	16	2
26 Other commodities..	..	..	21,595
TOTAL	..	..	90,281

Source: Commissioner of Statistics, Madras.

XXIX. LEGISLATURE AND ELECTIONS.

TABLE—29·1.

GENERAL ELECTION—1980.

Item. (1)	*Assembly.* (2)	*Parliament.* (3)
Population 1980 (P.J.)	4,67,05,500	4,67,05,500
Electorate	2,93,17,229	2,81,13,893
Total number of seats	234	39
Seats Reserved for—		
(1) Scheduled Castes	42	7
(2) Scheduled Tribes	3	..
(3) General	189	32
Persons voted	1,91,01,113	1,87,67,818
Percentage of persons voted	65·15	66·76

TABLE 29·1—*cont.*

Item.	*Assembly.*	*Parliament.*
(1)	(2)	(3)
Votes Secured by political Parties—		
1 All India Anna Dravida Munnetra Kazhagam	73,00,494	46,74,064
2 Dravida Munnetra Kazhagam	42,48,790	42,36,537
3 Indian National Congress (I)	38,60,015	58,21,411
4 Communist Party of India (Marxist)	5,89,550	5,91,869
5 Communist Party of India	5,63,083	6,60,940
6 Janata (JP)	5,23,823	14,65,782
7 Gandhi Kamaraj National Congress	3,22,440	..
8 All India Forward Block	1,76,461	..
9 Indian National Congress (U)	52,119	42,163

10 Bharatiya Janata	12,189	..
11 Republican Party of India	7,908	9,497
12 Janata (S) Raj Narain	1,395	98,729
13 Independents	11,86,739	8,11,752

Source : General Elections, 1980.

XXX. JUSTICE.

TABLE 30·1.

JUDICIAL DIVISIONS AND ORIGINAL JURISDICTION—1979

Item. (1)	*Number.* (2)
1 Judges of Chief Courts of State (Including the Chief Justice)	23
2 Revenue Districts	16
3 District Judges	46
4 Other Judges—	
(*a*) Stipendiary (District Munsif and Sub-Judge) including Chief Judicial Magistrates and Metropolitan Magistrates	252
(*b*) Honorary	..
5 Session Divisions	16
6 Session Judges	28

7 Other Judges	60
8 District Magistrates	15
9 Other Magistrates—	
(*a*) Stipendiary	214
(*b*) Honorary	..

Source : Registrar, High Court, Madras.

TABLE 30.2

Results of Civil and Revenue Cases in the Courts of Original Jurisdiction Civil Suits Regular—1979.

Items.	*Number.*
(1)	(2)
I. Number of Suits Before the Courts—	
1. Pending at the beginning of the year	2,32,527
2. Instituted during the year	6,50,501
3 Revised during the year	17.187
4. Otherwise received	12,905
Total ..	9,13,120

II. NUMBER OF SUITS DIPOSED OF—	
1. Exparte	83,171
2. On admission of claims	71,00 1
3. Compro mised	5,328
4. *After full trial*—	
(*a*) Judgment for plaintiff	45,210
(*b*) Judgment for defendant	15,540
5. Reference to arbitration	393
6. By transfer	11,678
7. Other wise disposed of (including the cases under Rules 3 and 8 of Order IX CPC when defendant does not ad mit claim.)	3,93,559
III. PENDING AT THE CLOSE OF THE YEAR	4,04,419
IV. PENDING FOR MORE THAN ONE YEAR	80,602

Source : Registrar, High Court, Madras.

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XXXI. POLICE AND PRISONS.

TABLE 31·1.

POLICE FORCE—1979.

(ACTUAL STRENGTH.)

Serial number and district. (1)	*Number of Police Stations.* (2)	*Number of Out Posts.* (3)	*Local Police.* (4)	*Armed. Reserve* (5)
1 Madras City Police	46	7	4,094	2,100
2 Chengalpattu East	30	7	1,230	524
3 Chengalpattu West	35	11	883	306
4 South Arcot	71	8	1,666	735
5 North Arcot	61	13	1,728	887
6 Salem	55	2	1,321	610
7 Dharmapuri	28	7	490	220
8 Periyar	34	3	748	112
9 Coimbatore Urban	18	3	856	467

10 Coimbatore Rural	25	8	644	241
11 Nilgiris	23	5	571	234
12 Thanjavur East	31	3	906	391
13 Thanjavur West	37	5	1,073	343
14 Tiruchirapalli	57	9	1,666	850
15 Pudukkottai	21	5	525	222
16 Madurai North	40	4	1,047	375
17 Madurai South	35	9	1,333	809
18 Ramanathapuram East	44	18	1,165	534
19 Ramanathapuram West	31	3	768	474
20 Tirunelveli	77	23	3,155	834
21 Kanniyakumari	18	8	702	342
22 Railway Police	26	27	1,281	..
Total	843	188	27,852	11,610

Source : Director-General of Police, Madras.

TABLE 31·2.

COGNIZABLE OFFENCES UNDER INDIAN PENAL CODE, 1979.

(Including attempts.)

Item. (1)	*Number.* (2)
1 Total cognizable crimes (I.P.C. Cases)	1,04,745
2 Rioting (147-149)	8,954
3 Offences relating to coin (231 to 254) / 4 Offences relating to currency and bank notes (489 A to 489 B)	28
5 Murder (302-303)	953
6 Culpable homicide not amounting to murder (304-308)	5
7 Administering stupefying drugs (328)	6
8 Kidnapping and abduction (363, 367, 371 and 373)	724
9 Dacoity and preparations and assembly for dacoity (395-398, 338 and 402).	47

10 Robbery (392–394, 396, 398)	306
11 House-breaking (449 to 452, 454, 455, 457 and 460)	10,289
12 Cheating (419 and 420)	1,471
13 Breach of trust (406-409)	1,526
14 Thefts (379-382)	34,545
(*a*) Copper wire	1,968
(*b*) Cattle	1,264
(*c*) Cycle	7,192
(*d*) Motor Vehicles accessories	284
(*e*) Fire arms	..
(*f*) Explosives	2
(*g*) Other type	..
(*h*) Others	23,835

Source : Director General of Police, Madras.

TABLE 31·3.

PRISONS AND CONVICTS, 1979.

Item. (1)	*Number.* (2)
Classification of Prisons—	
(*a*) Central Prisons	8
(*b*) State Prison for Women	1
(*c*) Taluk Sub-Jails	119
(*d*) Special Sub-Jails	3
(*e*) Open Air Prisons	3
(*f*) Borstal School	1

Length of sentence.	*Males.*	*Females.*	*Total.*
Classification of convicts—			
(*a*) Below one year	9,082	961	10,043
(*b*) Above one year and not exceeding two years.	451	27	478
(*c*) Above two years and not exceeding five years.	301	9	310
(*d*) Exceeding five years and not exceeding ten years.	143	2	145
(*e*) Exceeding ten years	93	20	113
(*f*) Life Sentences	2,388	49	2,437
(*g*) Transportation for life	..	..	..
(*h*) Sentenced to death	27	..	27
Total ..	12,485	1,068	13,553

Source : Inspector General of Prisons, Madras.

XXXII LOCAL BODIES.

TABLE 32·1.

MUNICIPAL COUNCILS—AREA AND POPULATION BY GRADES.

(As on 31st March 1980.)

Classification of municipal councils.	*Number.*	*Area in Sq. K.M.* (*As per* 1971 *census.*).	*Population* (*As per* 1971 *census.*)
(1)	(2)	(3)	(4)
1 Corporations	2	148·92	3,018,563
2 Special grade	5	132·68	1,328,883
3 Selection Grade	9	157·05	1,032,469
4 First Grade	29	348·29	1,717,153
5 Second Grade	32	455·19	1,251,475

6 Third Grade	24	347·39	610,454
7 Township Committee	8	135·14	206,169
Total ..	109	1,724·66	9,165,166

Source ; Commissioner of Statistics, Madras.

TABLE 32·2.

MUNICIPAL COUNCILS BY DISTRICTS/GRADES.

(As on 31st March 1980)

Serial number and district.	Grades of Municipal Councils.							
	Corporation.	*Special.*	*Selection.*	*First.*	*Second.*	*Third.*	*Township Committee.*	*Total.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Madras	1	..	..	..	..	..	..	1
2 Chengalpattu	..	..	..	4	2	2	4	12
3 South Arcot	..	..	..	3	3	1	..	7
4 North Arcot	..	1	..	3	6	2	..	12
5 Salem	..	1	..	1	3	3	1	9
6 Dharmapuri	..	..	..	..	2	..	..	2

7 Periyar	..	1	..	1	2	1	1	6
8 Coimbatore	..	1	2	2	..	..	..	5
9 Tiruchirappalli	..	1	..	2	2	1	..	6
10 Thanjavur	..	..	2	4	1	1	..	8
11 Pudukkottai	..	..	..	1	..	1	..	2
12 Madurai	1	..	1	1	4	3	1	11
13 Ramanathapuram	..	..	..	5	4	2	..	11
14 Tirunelveli	..	..	2	1	3	4	1	11
15 Kanniyakumari	..	..	1	..	..	3	..	4
16 The Nilgiris	..	..	1	1	..	..	..	2
Total ..	2	5	9	29	32	24	8	109

Source : Commissioner of Statistics, Madras.

TABLE 32·3.

RECEIPTS AND EXPENDITURE OF THE MUNICIPAL COUNCILS, 1978–79.

Classification of Municipal Councils.	*Total Receipts.*	*Total Expenditure.*
(1)	(2)	(3)
	(RUPEES IN LAKHS.)	
1 Corporations	4,880·80	4,818·32
2 Special Grade	1,841·17	1,861·60
3 Selection Grade	1,299·82	1,294·57
4 First Grade	1,462·53	1,397·92
5 Second Grade	961·46	942.74

6 Third Grade	355·82	355·16
7 Township Committees	238·61	192·84
Total	11,040·21	10,863·15

Source : Commissioner of Statistics, Madras.

TABLE 32·4.

PANCHAYAT UNIONS AND PANCHAYATS BY DISTRICTS, 1979–80.

District.	*Develop-ment. districts.*	*Pan-chayat unions.*	*Village Pan-chayats.*	*Town Pan-chayats.*	*Township (consti-tuted under Panchayat Act).*
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu	2	27	1,192	33	2
2 South Arcot	2	34	1,745	32	1
3 North Arcot	2	36	1,587	36	..
4 Salem	2	35	721	55	1
5 Dharmapuri . ..	1	16	581	18	..
6 Coimbatore	2	41	734	113	2

7 The Nilgiris	1	4	27	21	1
8 Thanjavur	2	34	1,438	39	..
9 Tiruchirappalli	2	31	882	45	..
10 Pudukkottai	1	12	491	9	..
11 Madurai	2	34	853	54	2
12 Ramanathapuram ..	2	32	1,300	28	1
13 Tirunelveli	2	31	829	58	2
14 Kanniyakumari	1	9	224	64	1
Total ..	24	376	12,604	605	13

Source : Director of Rural Development, Madras.

TABLE 32·5.

REVENUE TALUKS AND REVENUE VILLAGES BY DISTRICTS, 1979–80.

District.	*Revenue Divisions.*	*Revenue Taluks.*	*Revenue Firkas.*	*Revenue Villages.*
(1)	(2)	(3)	(4)	(5)
1 Madras	..	5	20	59
2 Chengalpattu	4	10	93	2,246
3 South Arcot	4	12	78	2,285
4 North Arcot	4	13	94	1,918
5 Salem	4	9	66	772
6 Dharmapuri	2	8	47	664
7 Periyar	2	6	42	510
8 Coimbatore	2	6	42	481

9 The Nilgiris	2	4	15	54
10 Thanjavur	6	16	96	2,179
11 Tiruchirapalli	4	10	78	965
12 Pudukkottai	2	6	39	758
13 Madurai	4	13	98	1,102
14 Ramanathapuram	5	15	104	1,574
15 Tirunelveli	4	13	94	1,039
16 Kanniyakumari	2	4	18	81
Total ..	51	150	1,024	16,487

Source : Secretary, Board of Revenue (Land Revenue), Madras.

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XXXIII. STATE FINANCE.

TABLE 33·1.

Overall Budget.

Item.	1978–79 (A.C.)	1979–80 (R.E.)	1980–81 (B.E.)
(1)	(2)	(3)	(4)
		(Rupees in lakhs.)	
I. Revenue Account—			
1. Revenue	80,148	92,406	98,266
2. Expenditure	75,351	88,444	96,727
3. Surplus (+) or Deficit (—) ..	(+) 4,797	(+) 3,962	(+) 1,539

II. Capital Account—			
1. Receipts	3,09,972	1,67,858	1,16,153
2. Disbursements	3,14,152	1,72,235	1,17,693
3. Surplus (+) or Deficit (—) ..	(—) 4,180	(—) 4,377	(—) 1,540
III. Miscellaneous Remittances (Net)	(—) 197	(+) 355	(+) 65
IV. Overall Surplus (+) or Deficit (—)	(+) 420	(—) 60	(+) 64

Source : Budget Documents.

TABLE 33·2.

RECEIPTS ON REVENUE ACCOUNT—BY PRINCIPAL HEADS.

Item.	1978–79 (A.C.)	1979–80 (R.E.)	1980–81 (B.E.)
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS.)	
I. Tax Revenue ($a+b$)	59,593	74,618	80,950
(a) Share from Central Taxes ..	14,855	25,673	27,622
(i) Income Tax	5,611	6,633	7,504
(ii) Estate Duty	83	112	112
(iii) Union Excise Duties ..	9,161	18,928	20,006
(b) State Taxes	44,738	48,945	53,328
(i) Agricultural Income Tax ..	1,032	623	648
(ii) Land Revenue : ..	685	148	151

(iii) State Excise Duties	333	342	642
(iv) Sales Tax	29,351	33,433	37,247
(v) Stamps (Net)	2,966	3,192	3,331
(vi) Registration Fees	544	592	612
(vii) Taxes on Vehicles	5,711	7,222	6,918
(viii) Other Taxes and Duties ..	4,116	3,393	3,779
II. Non-Tax Revenue	12,313	11,239	10,484
(i) Interest	3,739	3,272	2,953
(ii) General Services	1,926	2,049	1,692
(iii) Social and Community Services	2,433	1,980	1,844
(iv) Economic Services	4,215	3,938	3,995
III. Grants-in-Aid from the Centre ..	8,242	6,549	6,832
Total Revenue Receipts (I+II+III)	80,148	92,406	98,266

Source : Budget Documents.

TABLE 33·3.

EXPENDITURE ON REVENUE ACCOUNT—BY PRINCIPAL HEAD.

Item.	1978–79 (A.C.)	1979–80 (R.E.)	1980–81 (B.E.)
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS.)	
I. Development Expenditure (A+B)	53,029	62,320	66,798
A. Social and Community Services	32,164	37,846	40,295
(i) Education, Art and Culture ..	18,566	21,273	22,949
(ii) Medical, Family Welfare, Health Sanitation and Water Supply	8,342	9,689	10,319
(iii) Housing and Urban Development	734	607	663
(iv) Social Security and Welfare	3,608	4,403	4,536
(v) Other Social and Community Services	914	1,874	1,828
B. Economic Services	20,865	24,474	26,503
(i) Agriculture and allied services	9,992	11,774	13,621

(ii) Industry and Minerals	1,681	1,748	1,958
(iii) Water and Power Development	4,153	4,697	4,613
(iv) Transport and Communication	3,604	4,597	4,635
(v) Other General Economic Services	1,435	1,658	1,676
II. Non-Development Expenditure (C+D)	22,322	26,124	29,929
C. General Services	20,326	23,408	27,150
(i) Organs of State	758	1,207	1,296
(ii) Fiscal Services	1,670	1,818	1,881
(iii) Debt Services	6,177	7,714	9,735
(iv) Administrative Services ..	8,498	9,409	10,004
(v) Others	3,223	3,260	4,234
D. Compensation and Assignments to Local Bodies	1,996	2,716	2,779
Total Expenditure (I+II)	75,351	88,444	96,727

Source : Budget Documents.

XXXIV. FIVE YEAR PLANS.

TABLE 34·1.

EXPENDITURE ON FIVE YEAR PLANS—STATE SCHEMES

(RUPEES IN LAKHS.)

Head of Development.	*First Plan* (1950–51) to (1955–56).	*Second Plan* (1956–57) to (1960–61).	*Third Plan* (1961–62) to (1965–66).	*Three annual Plan periods* (1966–67) to (1968–69).	*Fourth Plan* (1969–70) to (1973–74).	*Fifth Plan* (1974–75) to (1977–78).
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Agriculture and allied ervices	957	3,062	7,453	6,657	10,375	9,328
2 Co-operation	11	188	552	285	787	3,855
3 Water and Power Development	5,043	9,671	15,066	11,680	23,834	31,948

4 Industry and Minerals ..	153	1,408	2,373	1,656	3,300	5,044
5 Transport and Communications	270	552	1,174	1,044	3,073	8,606
6 Social and Community Services	1,605	3,796	8,025	5,250	14,282	23,768
7 Miscellaneous	..	99	72	46	245	803
Total ..	8,039	18,776	34,715	26,618	55,896	83,352

TABLE 34·1—*Contd.*

Heads of Development.	*6th Five Year Plan Outlay* 1978–83.	1978–79 A.C.	1979–80 R.E.	1980–81 B.E.
(1)	(8)	(9)	(10)	(11)
I. Agricultural and Allied Services ..	28,918	3,833	4,312	7,672
1. Agriclulture	11,190	1,561	1,697	2,844
2. Minor Irrigation	2,423	672	373	334
3. Soil and Water Conservation ..	2,000	284	302	370
4. Area Development	700	36	52	145
5. Food	1,000	127	150	173
6. Animal Husbandry	1,968	285	237	394
7. Dairy Development	500	42	42	32

8. Fisheries	1,311	160	113	204
9. Forests	2,800	278	497	652
10. Community Development	5,026	388	849	2,524
II. Co-operation	2,038	483	431	487
III. Water and Power Development ..	96,897	14,706	17,082	18,516
1. Water and Power Development Services. 2. Multi Power Valley Projects ..	1,062	220	208	358
3. Irrigation, Navigation, Drainage and Flood control Projects.	14,613	2,214	1,970	2,623
4. Power Projects	81,222	12,272	14,904	15,535
IV. Industry and Minerals	12,365	2,109	1,738	2,322
1 Industries ..	6,200	1,086	691	889
2 Village and Small Industries ..	6,000	960	1,005	1,383
3 Mining and Metallurgical Industries	165	63	42	50

TABLE 34.1—*cont*.

Heads of the Development.	*6th Five Year Plan Outlay* 1978–83.	1978–79 A.	1979–80 B.E.	1980–81 *R*.E.
(1)	(8)	(9)	(10)	(1)
V. Transport and Communications ..	19,054	4,162	3,121	3,784
1. Ports, Light houses and Shipping	600	318	7	12
2. Roads and Buildings	10,200	2,559	1,817	1,791
3. Road and Water Transport Services.	7,854	1,234	1,245	1,930
4. Tourism	400	51	52	51
VI. Social and Community Services ..	54,598	7,698	7,946	10,693
1 General Education	6,350	1,447	1,725	1,884

2. Art and Culture	165	25	27	49
3. Technical Education	670	129	109	140
4. Medical .. .. .. }	..	414	493	1,124
5. Public Health and Sanitation }	3,655	115	34	104
6. Sewerage and Water Supply ..	19,863	2,336	2,234	3,336
7. Housing	8,590	1,359	1,067	1,599
8. Urban Development	4,027	681	940	769
9 Information and Publicity ..	150	42	65	64
10. Labour and Labour Welfare ..	345	41	33	59
11. Welfare of Scheduled Castes, Scheduled Tribes and Other Backward Classes.	4,808	959	940	1,251
12. Social Welfare	375	95	142	180
13. Nutrition	3,600	40	106	106

TABLE 34·1—*cont.*

Heads of the Development.	*6th Five Year Plan Outlay* 1978–83.	1978–79 *A.*	1979–80 *R.E.*	1980–81 *B.E.*
(1)	(8)	(9)	(10)	(11)
14 Other Social and Community Services	2,000	16	31	28
VII. Economic Services	130	41	25	33
1. Secretariat Economic Services	} 130	2	..	..
2 Special and Backward Areas ..		24	17	17
3. Other General Economic Services.		15	8	16
VIII. General Services	1,000	128	85	131

Public Works	1,000	128	85	131
GRAND TOTAL ..	2,15,000	33,160	34,740	43,638

Source : Directorate of Evaluation and Applied Research Department, Madras.

XXXV. SMALL SAVINGS

TABLE 35·1.

SMALL SAVINGS BY DISTRICTS, 1979–80 (P.).

District. (1)	Gross. (2)	Net. (3)
	(RUPEES IN LAKHS.)	
1 Madras	2,585.22	995.51
2 Chengalpattu	763·85	180·30
3 South Arcot	808·88	200·70
4 North Arcot	965·51	185.25
5 Salem	873.98	183·72
6 Dharmapuri	292·67	118·02
7 Periyar } 8 Coimbatore }	1,407·21	401·13

9 The Nilgiris	247·61	45·28
10 Thanjavur	1227·92	240·08
11 Tiruchirappalli	1102·79	257·14
12 Pudukkottai	137·91	33·15
13 Madurai	927·06	186·40
14 Ramanathapuram	776·68	153·66
15 Tirunelveli	1288·95	266·70
16 Kanniyakumari	387·81	63·60
	13794·05	3510·68

Source : Director of small Savings, Madras.

XXXVI. INCOME TAX.

TABLE 36·1.

INCOME TAX COLLECTION, 1979–80.

Tax. (1)	Amount (Rs. in "000)" (2)
1. Corporation Tax	10,65,488
2. Income Tax	10, 95,612
3. Estate duty	16,932
4. Wealth Tax on other than Agricultural lands.	68,836
5. Wealth tax on Agricultural lands ..	382
6. Gift Tax	7,600

Source : Commissioner of Income Tax, Madras.

XXXVII. PRINTING AND PUBLISHING.

TABLE 37·1.

NUMBER OF PRINTING PRESSES.

(As on 1st January 1980)

Serial number and district. (1)	*Number.* (2)
1. Madras	172
2. Chengalpattu	27
3. South Arcot	12
4. North Arcot	16
5. Salem	15
6. Dharmapuri	..
7. Periyar	9
8. Coimbatore (P.)	59
9. The Nilgiris (P.)	4
10. Thanjavur	24
11. Tiruchirapalli	28
12. Pudukkottai	5
13. Madurai	47
14. Ramanathapuram	85
15. Tirunelveli	26
16. Kanniyakumari	6
Total	535

Source: Commissioner of Statistics, Madras.

TABLE 37·2.

DAILIES AND PERIODICALS PUBLISHED BY LANGUAGES—1978.

Serial Number and District.	*Dailies.*				
	English.	*Tamil.*	*Telugu.*	*Others.*	*Total.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras	5	17	..	1	23
2 Chengalpattu	..	..	..	..	..
3 South Arcot	..	1	..	..	1
4 North Arcot	..	..	..	..	..
5 Salem	..	..	..	..	..
6 Dharmapuri	..	..	..	..	..
7 Coimbatore	..	1	..	..	1

8 Nilgiris	..	..	..	..	..	..
9 Thanjavur ..	..	..	..	..	..	..
10 Tiruchirappalli ..	..	..	3	..	..	3
11 Pudukkottai ..	..	..	..	..	..	..
12 Madurai	..	1	1	..	..	2
13 Ramanathapuram	..	..	..	..	..	..
14 Tirunelveli ..	..	..	..	..	..	..
15 Kanniyakumari ..	..	..	..	..	..	..

TABLE 37·2 *cont.*

Serial Number and District.	*Periodicals.*				
	English	*Tamil.*	*Telugu.*	*Others.*	*Total.*
(1)	(7)	(8)	(9)	(10)	(11)
1 Madras	347	225	30	209	811
2 Chengalpattu	..	..	..	..	..
3 South Arcot	2	28	..	1	31
4 North Arcot	2	3	..	..	5
5 Salem	4	13	..	..	17
6 Dharmapuri	..	2	..	..	2
7 Coimbatore	3	8	..	..	11

8 Nilgiris	4	3	..	1	8
9 Thanjavur	3	12	..	..	15
10 Tiruchirapalli	1	11	..	..	12
11 Pudukkottai	..	1	..	..	1
12 Madurai	3	10	..	..	13
13 Ramanathapuram ..	2	5	..	..	7
14 Tirunelveli	1	13	..	..	14
15 Kanniyakumari	3	56	..	2	61

Source : Director of Information and Public Relations, Madras.

XXXVIII. RECREATION.

TABLE 38·1.

CINEMA THEATRES—1979–80.

Type.	*Number.*
(1)	(2)
1. Permanent—(a) Airconditioned ..	39
(b) Others	839
Total ..	878
2. Semi-Permanent	115
3. Touring	988

Source : Chief Electrical Inspector, Madras.

XXXIX TOURISM

XXXIX.
TABLE
PLACES OF TOURIST

Serial Number and District.	Place.	Importance.
(1)	(2)	(3)
1 Madras ..	Fort St. George.	Built by the British East India Company, Fort Museum, Clives's Corner St. Marys' Church, State Government Headquarters.
Do.	Santhome ..	St. Thomas Cathedral Basilica where lies. Buried the mortal remains of St. Thomas.
Madras.	Anna Square, Marina.	A place of pilgrimage on the marina where the great Tamil Leader Dr. C. N. Annadurai was laid to rest.

TOURISM.

39·1.

ATTRACTIONS—1979–80.

Seasons. (4)	Distance in kilometre from Madras City approximate. By Rail. (5)	By Road. (6)	Name of the Town. (7)	From the nearest town. By Rail. (8)	By Road. (9)
	KM.	KM.		KM.	KM.
Throughout year.	From Central railway station. 2	..	..		..
Do.	~~Do.~~	8	..		-
Throughout Year.	From Central railway station	5	..		-

Serial Number and District.	*Place.*	*Importance.*
(1)	(2)	(3)
Madras	High Court Parry's corner.	Indo-sarcenic style building.
Do.	Valluvarkottam Nungambakkm.	Named after Thiruvalluvar the greatest Philosopher and saint who gave Thirukkural to the world. The majestic memorial serve as an auditorium. The stone car is a great attraction.
Do.	Lighthouse ..	On the marina provides a panoramic view of the city.
Do.	Gandhi, Kamaraj and Rajaji	These three mandapams have

39·1—*contd.*

Seasons. (4)	*Distance in kilometre from Madras City approximate.* *By Rail.* (5)	*By Road.* (6)	*Name of the Town.* (7)	*From the nearest town.* *By Rail.* (8)	*By Road.* (89)
	Km.	Km.		Km.	Km.
Throughout Year.	From Central Rail-way Station	2	..	..	
Do.	Do.	8	..	..	..
Do	Do.	8	..	..	..
Do.	Do.	15	..	..	..

Serial Number and District. (1)	Place. (2)	Importance. (3)
1. Madras —*contd.*	mandapams. Guindy.	been erected as memorials to the three great statesmen of India, viz., Gandhi, Kamaraj and Rajaji respectively.
Do.	Children Park ..	Situated very near Gandhi Mandapam has a small collection of birds and animals.
Do.	The Deer Park ..	Unique for being the world's only sanctuary located within a city limits.
Do.	The snake park	Equally unique snake park and Reptilium are part of the huge Raj bhavan estate of the Governor.

Seasons. (4)	Distance in kilometre from Madras City approximate. By Rail. (5)	By Road. (6)	Name of the Town. (7)	From the nearest town. By Rail. (8)	By Road. (9)
	Km.	Km.		Km.	Km.
Throughout year.	..	15	..	..	..
Do.	..	15	..	..	..
Do.	..	15	..	..	..
Do.	..	15	..	..	..

TABLE

Serial Number and District.	*Place.*	*Importance.*
(1)	(2)	(3)
1 Madras —*contd.*	Crocodile Bank (on the way to Mamallapuram).	There are 100 crocodiles of rare species.
2 Chengalpattu	Mamallapuram	Beach resort/monuments.
Do.	Kancheepuram ..	Temples, one of the seven holy cities in India, Capital of Pallavas.
Do.	Vedanthangal ..	Birds sanctuary.
Do.	Thirukkazhukundram.	A place of sacred kites Temple town.
Do.	Thiruthani ..	Pilgrim Centre Subramaniar temple.
3 South Arcot ..	Chidambaram ..	Pilgrim Centre Siva temple.

Season. (4)	Distance in kilometre from Madras City approximate. By Rail. (5)	By Road. (6)	Name of the Town. (7)	From the nearest town. By Rail. (8)	By Road. (9)
	KM.	KM.		KM.	KM.
Throughtout the year	..	40	..	..	..
Do.	..	60	Chengalpattu.	..	40
Do.	..	77	..	..	..
October to March.	..	87	Chengalpattu.	.	25
Whole year.	..	72	Do	.	25
Do.	60	65	Arakonam.	8	8
Do.	227	280	..	..	..

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Serial number and District.	*Place.*	*Importance.*
(1)	(2)	(3)
3 South Arcot —*cont.*	Pichavaram ..	Backwater with picturesque forests.
Do.	Gingee ..	Monuments and fort.
Do.	Thiruvakkarai ..	Fossil wood area
4 North Arcot	Vellore ..	Fort
Do.	Elagiri Hills ..	Hill Station.
Do.	Amirthi forest ..	Picnic spots
Do.	Sathanur Dam ..	Picnic spots
Do.	Thiruvannamalai.	Siva Temple Ramana Maharishi Ashram.
5 Salem ..	Yercaud ..	Hill Station
Do.	Taramangalam ..	Siva temple.
Do.	Kolli hills ..	Hill station and Water falls.

Season. (4)	Distance in kilometre from Madras City approximate. By Rail. (5)	By Road. (6)	Name of the Town. (7)	From the nearest town. By Rail. (8)	By Road. (9)
	KM.	KM.		KM.	KM.
Whole year	..	300	Chidambaram.	..	20
Do.	..	150	Tindivanam.	..	30
Do.	..	140	Pondicherry.	..	25
Do.	160	160	..	..	..
Do.	240	255	Jolarpet ..	..	15
Do.	..	180	Vellore ..	..	20
Do.	..	220	Tiruvannamalai	..	32
Do.	240	180	..	..	..
Do.	362	400	Salem ..	..	28
Do.	Do.	460	Do. ..	..	24
Do.	..	394	Do.	..	60

Serial number and District.	*Place.*	*Importance.*
(1)	(2)	(3)
5 Salem—*cont.*	Mettur Dam ..	Picnic spot
6 Dharmapuri ..	Hogenakkal ..	Water falls.
Do.	Thirthamalai ..	Pilgrim Centre
Do.	Krishnagiri Dam.	Picnic spot
7 Periyar ..	Kodumudi ..	Temple
Do.	Pannari ..	Mariamman temple.
8 Coimbatore ..	Coimbatore .	Industrial city known for its cotton mills.
Do.	Bhavani Sagar ..	Picnic spot
Do.	Perur .	Siva temple sculpture.
Do.	Anaimalai ..	Wildlife sanctuary
Do.	Topslip ..	Hill station.
Do.	Kasthurba gram ..	Asharam/Community Project centre.

Season. (4)	*Distance in kilometre from Madras City approximate.* *By Rail.* (5)	*By Road.* (6)	*Name of the Town.* (7)	*From the nearest town.* *By Rail.* (8)	*By Road.* (9)
	KM.	KM.		KM.	KM.
Whole year	376	335	Do.	41	40
September to April.	..	340	Dharmapuri ..	..	30
Whole year.	..	340	Harur ..	..	20
Do.	..	300	Krishnagiri.	..	5
Do.	..	400	Erode ..	..	50
Do.	..	400	Do.	..	..
Do.	492	507	..	..	..
Do.	..	460	Erode ..	..	60
Do.	..	522	Coimbatore	..	15
Do.	..	590	Do.	..	90
Do.	..	590	Do.	..	90
Do.	..	460	Erode	..	60

Serial number and District. (1)	*Place.* (2)	*Importance.* (3)
9 The Nilgiris ..	Uthagamand-halam ..	The queen of hill stations.
Do.	Coonoor ..	Hill station.
Do.	Kotagiri .	Do.
Do.	Mudumalai ..	Wild Life sanctuary.
10 Thanjavur ..	Thanjavur ..	The Brahadeeswara Temple, the art gallery, Saraswathi-mahal library.
Do. ..	Thiruvaiyaru ..	Pilgrim Centre
Do. ..	Point celimere ..	Wildlife sanctuary .
Do. ..	Kumbakonam ..	Temples and Handicrafts.
Do. ..	Darasuram ..	Monuments

Season. (4)	Distance in kilometre from Madras City approximate. By Rail. (5)	By Road. (6)	Name of the Town. (7)	From the nearest town. By Rail. (8)	By Road. (9)
	KM.	KM.		KM.	KM.
April to June and September to October.	576	605	Coimbatore ..	89	89
Do.	558	550	Uthagamandalam	18	19
Do.	..	500	Do.	..	29
Whole year	..	..	Do.	..	..
Do.	351	311	..	..	..
Do.	..	324	Thanjavur ..	..	13
Do.	393	432	Vedaranyam ..	9	9
Do.	313	262	Thanjavur ..	36	36
Do.	317	267	Kumbakonam	..	5

Serial number and District. (1)	Place. (2)	Importance. (3)
10. Thanjavur —cont. ..	Thirubuvanam ..	Siva temple ..
Do. ..	Velankanni ..	Catholic Church
Do. ..	Poompuhar ..	Art Gallery.
Do. ..	Nagoor ..	Durgah ..
11. Tiruchirapalli	Tiruchirapalli ..	Rockfort temple
Do. ..	Sri Rangam ..	Vishnu temple ..
Do. ..	Thiruvanaikkaval	Siva Temple ..
Do. ..	Grand Anicut ..	Picnic spot ..
Do. ..	Gangaikonda Cholapuram.	Siva Temple Sculptures, monuments.
12 Pudukkottai ..	Viralimalai ..	Subramaniyar temple.
Do. ..	Sithannavasal ..	Rock-cut-cave temple (7 A.D.) and painting.
Do. ..	Kudumianmalai ..	Ancient temple

Season.	*Distance in kilometre from Madras City approximate.*		Name of the Town.	*From the nearest town.*	
	By Rail.	*By Road.*		*By Rail.*	*By Road.*
(4)	(5)	(6)	(7)	(8)	(9)
	KM.	KM.		KM.	KM.
Whole year	..	270	Kumbakonam	..	8
Do.	..	348	Nagapattinam	..	10
Do.	..	375	Mayuram ..	..	30
Do.	..	328	Nagapattinam	..	5
Do.	337	320	..	..	..
Do.	326	316	Tiruchirapalli	4	4
Do.	326	316	Do.	4	4
Do.	..	300	Do. ..	..	19
Do.	..	280	Chidambaram	..	40
Do.	..	400	Pudukkottai ..	..	32
Do.	..	480	Do. ..	..	16
Do.	..	370	Do. ..	..	30

Serial number and District. (1)	*Place.* (2)	*Importance.* (3)
12 Puduk-kottai—*cont.* ..	Kodumbalur ..	Movar temple
Do.	Narthamalai ..	Ancient monuments.
Do. ..	Avudayarkoil	Ancient Siva temple
13 Madurai ..	Madurai ..	Temple city, Mariamman tank, Gandhi Museum, Meenakshi temple, Tirumalai Nayak palace.
Do. ..	Tiruparankundram	Murugan temple
Do.	Alagarkoil ..	Vishnu temple ..
Do. ..	Kodaikanal ..	Hill station ..
Do. ..	Thekkadi ..	Wildlife sanctuary.
Do. ..	Vaigai Dam ..	Picnic spot ..
Do. ..	Suruli ..	Water-falls ..

Season. (4)	*Distance in kilometre from Madras City approximate.* *By Rail.* (5)	*By Road.* (6)	*Name of the Town.* (7)	*From the neurest town.* *By Rail.* (8)	*By Road.* (9)
	KM.	KM.		KM.	KM.
Whole year.	..	360	Pudukkottai.	..	40
Do.	..	360	Do. ..	..	40
Do.	..	398	Do.	..	48
Do.	492	480	..	..	..
Do.	..	488	Madurai ..	..	8
Do.	..	495	Do.	..	21
March to June	..	580	Do.	..	121
Whole year	..	626	Do.	..	146
Do.	..	550	Do.	..	69
Do.	..	608	Do.	..	128

Serial number and District. (1)	*Place.* (2)	*Importance.* (3)
13 Madurai—*cont.*	Palani ..	Pilgrim centre (Murugan temple).
14 Ramanathapuram.	Rameswaram ..	Pilgrim centre Siva temple.
Do.	Kurusadai Island. ..	Biological station
Do. ..	Srivilliputhur ..	Birth place of Sri Andal.
15 Tirunelveli ..	Tirunelveli ..	Ancient Siva temple.
Do. ..	Krishnapuram ..	Sculptures ..
Do. ..	Tiruchendur ..	Sea-shore temple of Murugan, Pilgrim centre.
Do.	Courtallam ..	Water-falls ..
Do.	Tenkasi ..	Siva temple Sculpture.
Do. ..	Kattabomman memorial fort.	Monuments ..

Season. (4)	Distance in kilometre from Madras City approximate. By Rail. (5)	By Road. (6)	Name of the Town. (7)	From the nearest town. By Rail. (8)	By Road. (9)
	KM.	KM.		KM.	KM.
Whole Year	..	490	Dindigul	60	60
Do.	666	624	..	..	..
Do.	648	606	Rameswaram	..	18
Do.	560	540	Madurai ..	68	60
Do.	673	640	..	..	..
Do.	..	655	Tirunelveli ..	..	13
Do.	711	620	Do.	68	68
June to Sep.	722	630	Do.	..	56
Whole year	722	635	Courtallam	..	5
Do.	..	694	Tirunelveli	..	54

Serial number and District.	Place.	Importance.
(1)	(2)	(3)
15. Tirunelveli —*cont.*	Mundanthurai ..	Tiger sanctuary ..
Do. ..	Banatheertham	Starting point of Tambarabarani river, pilgrim centre.
Do. ..	Kazhugumalai ..	Jain cave temple.
16. Kanniyakumari.	Kanniyakumari.	Pilgrim centre, Vivekananda and Gandhi memorials, Kumariamman temple, Meeting point of three oceans.
Do. ..	Circular Fort (Vattakkottai).	Picnic spot ..
Do. ..	Suchindram ..	Siva temple inscriptions of 9th century A.D.
Do. ..	Padmanabhapuram.	Palace and museum.

Source : Director of

Season. (4)	*Distance in kilometre from Madras City approximate.* *By Rail.* (5)	*By Road.* (6)	*Name of the Town.* (7)	*From the nearest town.* *By Rail.* (8)	*By Road.* (9)
	KM.	KM.		KM.	KM.
January to Sep.	..	690	~~Do.~~ Tirunelveli ..	..	52
Whole year	..	708	Do.	..	68
Do.	..	690	Do. ..	..	51
Do.	1007	700 (Via Trivandrum.)	..	..	..
Do.	..	706	Kanniyakumari	..	6
Do.	..	713	Do. ..	..	13
Do.	975 (Via. Trivandrum.)	732	Do. ..	32	32

Tourism, Madras.

METRIC SYSTEM OF WEIGHTS AND MEASURES.

TABLE A

LENGTH :

100 Centimetres	.. ..	1 metre
1000 metres	.. ..	1 Kilometre

WEIGHT :

1000 Milligrams	.. ..	1 Gram
1000 Grams	.. ..	1 Kilogram
100 Kilogram	.. ..	1 quintal
10 Quintals	.. ..	1 tonne.

CAPACITY :

1000 Milli litres	.. ..	1 Litre
1000 litres	.. ..	1 kilo litre

AREA :

100 Square metres	..	1 are
100 ares	.. ..	1 hectare, 10,000 square metres.
100 hectares	. ..	1 square kilometre

VOLUME :

100 cubic centimetres	..	1 cubic metre

TABLE B.

1 metre	1·09 yards, 39·4 inches
1 kilometre	0·62 mile, 5 furlongs
1 gram	0·04 oz.
1 kilogram	2·20 lb.
1 quintal	220·46 lb.
1 tonne	0·98 ton, 2,204·6 lb.
1 litre	0·22 gallon ; 35 oz.
1 are	1,076 square feet
1 hectare	2·47 acres ; 10,000 square metres
1 square kilometre ..	0·39 square mile.

TABLE C.

1 inch	25·4 millimetres
1 foot	30·5 centimetres
1 yard	0·91 metre
1 mile	1·61 km.
1 lb.	0·45 kilo gram ; 454 grams
1 viss	1,400 grams ; 1·4 kilograms
1 ton	1·02 tonnes.
1 gallon	4·55 litres

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1 acre	.. .. ..	0·40 hectare
1 square mile	.. ..	2·59 square kilometres

TABLE D.

RECOGNISED ABBREVIATIONS.

Millimetre	.. ..	mm
Centimetre	.. ..	cm
Metre	.. .. ..	m
kilometre	.. .. ..	km.
gram	.. .. ..	.g
kilogram	.. .. ..	kg.
quintal	.. .. ..	q.
Tonne	.. .. ..	t.
Millilitre	.. ..	ml.
litre	.. .. ..	l.
kilolitre	.. .. ..	kl.
square metre	.. ..	sq. m.
Square kilometre	.. ..	sq. km.
Cubic metre	.. ..	cu. m.

Notes